3/18/05 10/666,811 Structure search (APLUS/BEILSTEIN CAOLD

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 09:50:55 ON 18 MAR 2005

=> fil reg
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION

FULL ESTIMATED COST 0.21 0.21

FILE 'REGISTRY' ENTERED AT 09:51:02 ON 18 MAR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 16 MAR 2005 HIGHEST RN 845774-58-5
DICTIONARY FILE UPDATES: 16 MAR 2005 HIGHEST RN 845774-58-5

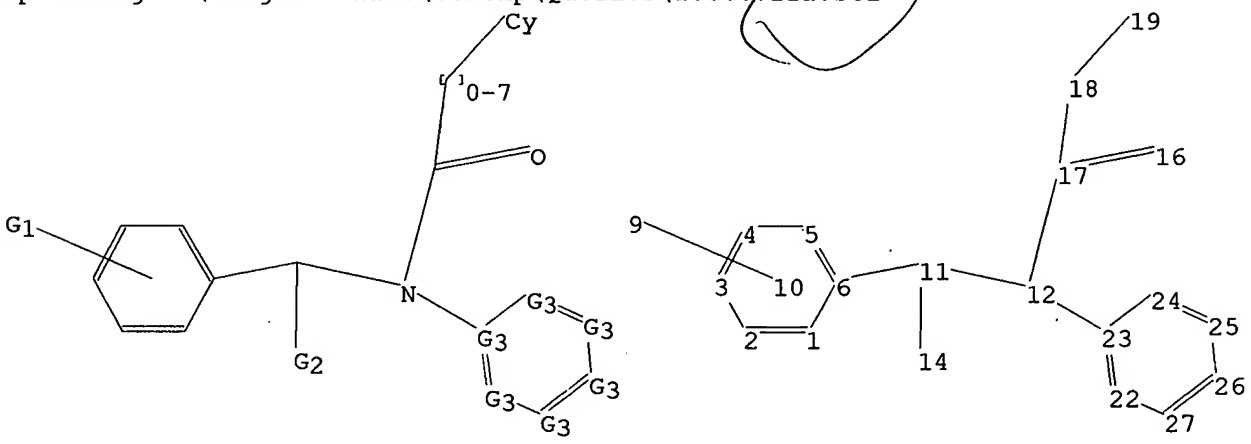
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

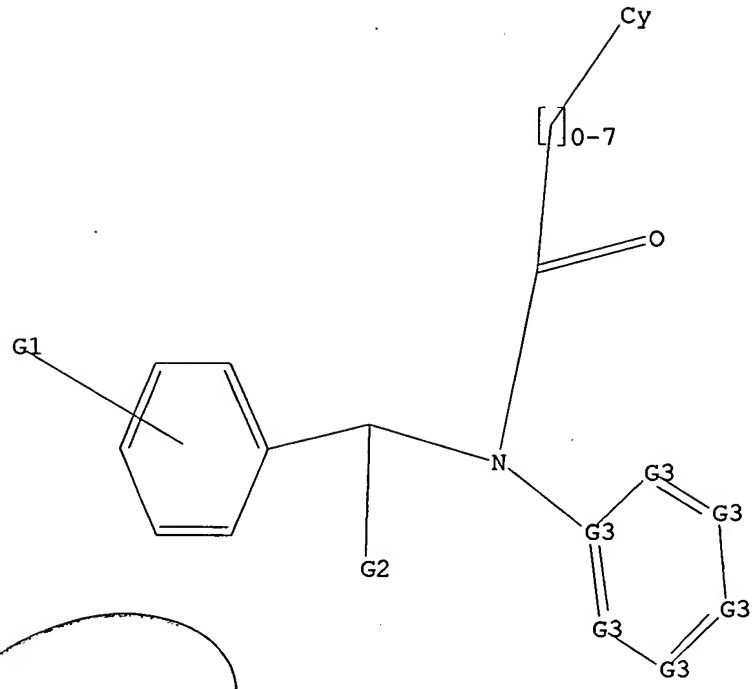
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\10666811a.str



```
chain nodes :
9  11  12  14  16  17  18  19
ring nodes :
1  2  3  4  5  6  22  23  24  25  26  27
chain bonds :
6-11  11-12  11-14  12-17  12-23  16-17  17-18  18-19
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  22-23  22-27  23-24  24-25  25-26  26-27
exact/norm bonds :
6-11  11-12  11-14  12-17  12-23  16-17  17-18  18-19  22-23  22-27  23-24  24-25
25-26  26-27
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6


G1:H,OH,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,CN,X,Ak

G2:Ak,H

G3:C,N

Hydrogen count :
11:>= minimum 1
Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  9:CLASS  10:CLASS  11:CLASS
12:CLASS  14:CLASS  16:CLASS  17:CLASS  18:CLASS  19:Atom  22:Atom  23:Atom
24:Atom  25:Atom  26:Atom  27:Atom



L1      STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1              STR
```



G1 H,OH,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,CN,X,Ak

G2 Ak,H

G3 C,N

Structure attributes must be viewed using STN Express query preparation.

```
=> s L1
SAMPLE SEARCH INITIATED 09:51:39 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -  10976 TO ITERATE

  9.1% PROCESSED    1000 ITERATIONS                          11 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       213243 TO   225797
PROJECTED ANSWERS:            1755 TO     3073

L2            11 SEA SSS SAM L1

=> s L1 full
FULL SEARCH INITIATED 09:51:46 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 219375 TO ITERATE

100.0% PROCESSED  219375 ITERATIONS                        3890 ANSWERS
SEARCH TIME: 00.00.11

L3          3890 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS                        SINCE FILE      TOTAL
                                               ENTRY    SESSION
FULL ESTIMATED COST                           161.76     161.97
```

FILE 'CAPLUS' ENTERED AT 09:52:07 ON 18 MAR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 18 Mar 2005 VOL 142 ISS 12
FILE LAST UPDATED: 16 Mar 2005 (20050316/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L3
L4 619 L3

=> fil reg
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.15	165.12

FILE 'REGISTRY' ENTERED AT 09:56:05 ON 18 MAR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 16 MAR 2005 HIGHEST RN 845774-58-5
DICTIONARY FILE UPDATES: 16 MAR 2005 HIGHEST RN 845774-58-5

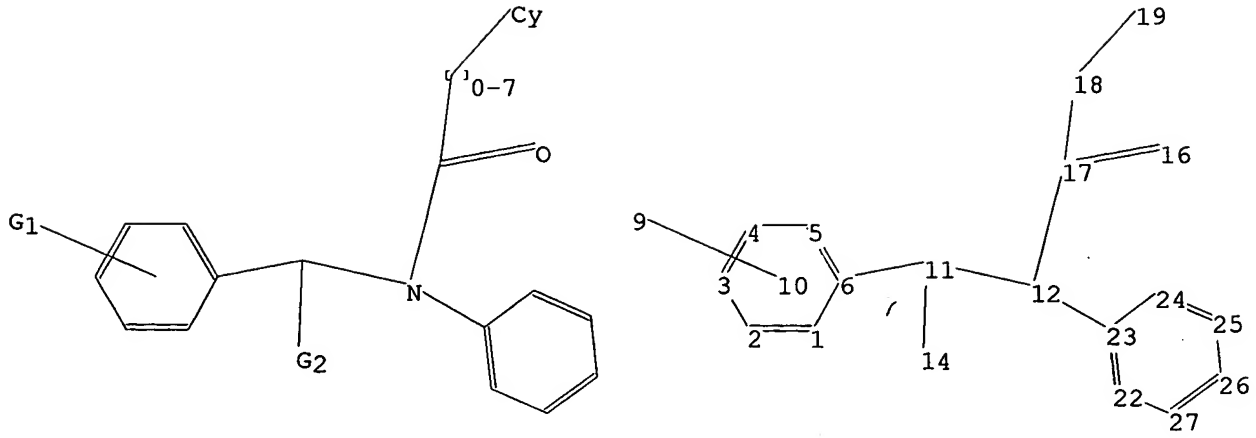
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\10666811b.str



chain nodes :
9 11 12 14 16 17 18 19
ring nodes :
1 2 3 4 5 6 22 23 24 25 26 27
chain bonds :
6-11 11-12 11-14 12-17 12-23 16-17 17-18 18-19
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 22-23 22-27 23-24 24-25 25-26 26-27
exact/norm bonds :
11-12 11-14 12-17 12-23 16-17 18-19
exact bonds :
6-11 17-18
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 22-23 22-27 23-24 24-25 25-26 26-27

G1:H,OH,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,CN,X,Ak

G2:Ak,H

G3:C,N

Hydrogen count :
11:>= minimum 1
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 9:CLASS 10:CLASS 11:CLASS
12:CLASS 14:CLASS 16:CLASS 17:CLASS 18:CLASS 19:Atom 22:Atom 23:Atom
24:Atom 25:Atom 26:Atom 27:Atom

L5 STRUCTURE UPLOADED

=> d
L5 HAS NO ANSWERS
L5 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s L5
SAMPLE SEARCH INITIATED 09:56:50 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2808 TO ITERATE

35.6% PROCESSED 1000 ITERATIONS 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 52982 TO 59338
PROJECTED ANSWERS: 2541 TO 4085

L6 50 SEA SSS SAM L5

=> s L5 full
FULL SEARCH INITIATED 09:56:57 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 55576 TO ITERATE

100.0% PROCESSED 55576 ITERATIONS 3533 ANSWERS
SEARCH TIME: 00.00.02

L7 3533 SEA SSS FUL L5

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 161.76 326.88

FILE 'CAPLUS' ENTERED AT 09:57:05 ON 18 MAR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 18 Mar 2005 VOL 142 ISS 12
FILE LAST UPDATED: 16 Mar 2005 (20050316/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L7
L8 571 L7

=> fil reg
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 7.20 334.08

FILE 'REGISTRY' ENTERED AT 10:06:27 ON 18 MAR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 16 MAR 2005 HIGHEST RN 845774-58-5
DICTIONARY FILE UPDATES: 16 MAR 2005 HIGHEST RN 845774-58-5

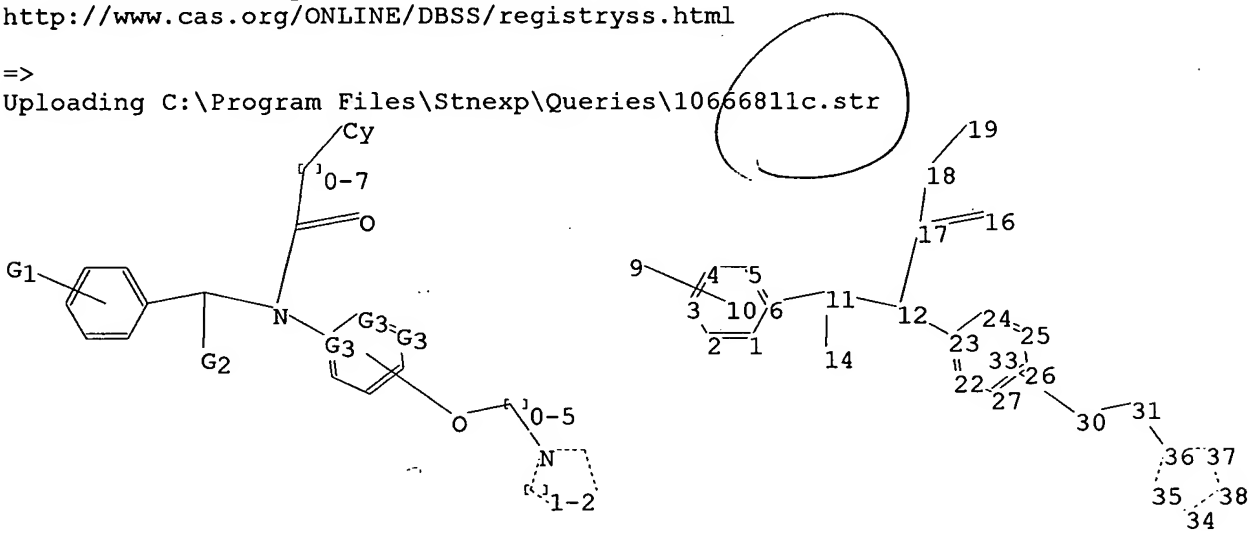
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\10666811c.str



chain nodes :
9 11 12 14 16 17 18 19 30 31
ring nodes :
1 2 3 4 5 6 22 23 24 25 26 27 34 35 36 37 38
chain bonds :
6-11 11-12 11-14 12-17 12-23 16-17 17-18 18-19 30-31 31-36
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 22-23 22-27 23-24 24-25 25-26 26-27 34-35
34-38 35-36 36-37 37-38
exact/norm bonds :

```
6-11  11-12  11-14  12-17  12-23  16-17  17-18  18-19  22-23  22-27  23-24  24-25
25-26  26-27  30-31  31-36  34-35  34-38  35-36  36-37  37-38
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6


G1:H,OH,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,CN,X,Ak

G2:Ak,H

G3:C,N

G4:H,Cy,Ak

Hydrogen count :
11:>= minimum 1
Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  9:CLASS  10:CLASS  11:CLASS
12:CLASS  14:CLASS  16:CLASS  17:CLASS  18:CLASS  19:Atom  22:Atom  23:Atom
24:Atom  25:Atom  26:Atom  27:Atom  30:CLASS  31:CLASS  33:CLASS  34:Atom  35:Atom
36:Atom  37:Atom  38:Atom



L9       STRUCTURE UPLOADED

=> d
L9 HAS NO ANSWERS
L9              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


=> s L9
SAMPLE SEARCH INITIATED 10:06:58 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    251 TO ITERATE

100.0% PROCESSED     251 ITERATIONS                                  0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          4070 TO     5970
PROJECTED ANSWERS:                0 TO        0

L10           0 SEA SSS SAM L9

=> s L9 full
FULL SEARCH INITIATED 10:07:05 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   5029 TO ITERATE

100.0% PROCESSED    5029 ITERATIONS                                 36 ANSWERS
SEARCH TIME: 00.00.01

L11          36 SEA SSS FUL L9

=> fil caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   161.33     495.41
```

```
FILE 'CAPLUS' ENTERED AT 10:07:13 ON 18 MAR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)
```



```
FILE COVERS 1907 - 18 Mar 2005  VOL 142 ISS 12
FILE LAST UPDATED: 16 Mar 2005  (20050316/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.


=> s L11
L12           1 L11

=> d L12

L12 ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2005 ACS on STN
AN   2004:267292  CAPLUS
DN   140:287259
TI   Preparation of amide and sulfonamide ligands for the estrogen receptor
IN   O'Keefe Cameron, Kimberly; Chesworth, Richard
PA   Pfizer Products Inc., USA
SO   PCT Int. Appl., 143 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.         DATE
     ---------------     ----   --------    --------------------    --------
PI   WO 2004026823        A1    20040401    WO 2003-IB3824          20030908
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
             PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT,
             TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
        RW:  GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
             KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
             FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
             BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
     US 2004110767        A1    20040610    US 2003-666811          20030917
PRAI US 2002-412338P      P     20020920
OS   MARPAT 140:287259
RE.CNT  11    THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT


=> fil beilstein
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY     SESSION
```

FULL ESTIMATED COST 1.55 496.96

FILE 'BEILSTEIN' ENTERED AT 10:07:55 ON 18 MAR 2005
COPYRIGHT (c) 2005 Beilstein-Institut zur Foerderung der Chemischen Wissenschaften
licensed to Beilstein GmbH and MDL Information Systems GmbH

FILE RELOADED ON OCTOBER 20, 2002
FILE LAST UPDATED ON February 14, 2005

FILE COVERS 1771 TO 2004.
*** FILE CONTAINS 9,133,317 SUBSTANCES ***

>>>PLEASE NOTE: Reaction Data and substance data are stored in
separate documents and can not be searched together in one query.
Reaction data for BEILSTEIN compounds may be displayed
immediately with the display codes PRE (preparations) and REA
(reactions). A substance answer set retrieved after the search
for a chemical name, a compounds with available reaction
information by combining with PRE/FA, REA/FA or more generally
with RX/FA. The BEILSTEIN Registry Number (BRN) is the link
between a BEILSTEIN compound and belonging reactions. For mo
detailed reaction searches BRNs can be searched as reaction
partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN).<<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE <<<

****
* PLEASE NOTE THAT THERE ARE NO FORMATS FREE OF COST. *
* SET NOTICE FEATURE: THE COST ESTIMATES CALCULATED FOR SET NOTICE *
* ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE; THESE *
* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS. *
* FOR PRICE INFORMATION SEE HELP COST *
****

NEW
*** PATENT NUMBERS (PN) AND BABS ACCESSION NUMBERS (BABSAN) CAN NOW BE SEARCHED, SELECTED AND TRANSFERRED.**
*** NEW DISPLAY FORMATS ALLREF, ALLP AND BABSAN SHOW ALL REFERENCES, ALL PATENT REFERENCES, OR ALL BABS ACCESSION NUMBERS FOR A COMPOUND AT A GLANCE.**

=> s L11
L13 0 L11

=> fil caold
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 0.78 497.74

FILE 'CAOLD' ENTERED AT 10:08:19 ON 18 MAR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REGistRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

```
=> s L11
L14             0 L11

=> d his

     (FILE 'HOME' ENTERED AT 09:50:55 ON 18 MAR 2005)

     FILE 'REGISTRY' ENTERED AT 09:51:02 ON 18 MAR 2005
L1                STRUCTURE UPLOADED
L2               11 S L1
L3             3890 S L1 FULL

     FILE 'CAPLUS' ENTERED AT 09:52:07 ON 18 MAR 2005
L4              619 S L3

     FILE 'REGISTRY' ENTERED AT 09:56:05 ON 18 MAR 2005
L5                STRUCTURE UPLOADED
L6               50 S L5
L7             3533 S L5 FULL

     FILE 'CAPLUS' ENTERED AT 09:57:05 ON 18 MAR 2005
L8              571 S L7

     FILE 'REGISTRY' ENTERED AT 10:06:27 ON 18 MAR 2005
L9                STRUCTURE UPLOADED
L10              0 S L9
L11             36 S L9 FULL

     FILE 'CAPLUS' ENTERED AT 10:07:13 ON 18 MAR 2005
L12              1 S L11          - our app.

     FILE 'BEILSTEIN' ENTERED AT 10:07:55 ON 18 MAR 2005
L13              0 S L11

     FILE 'CAOLD' ENTERED AT 10:08:19 ON 18 MAR 2005
L14              0 S L11

=> fil caplus
COST IN U.S. DOLLARS                        SINCE FILE      TOTAL
                                              ENTRY    SESSION
FULL ESTIMATED COST                            1.72     499.46

FILE 'CAPLUS' ENTERED AT 10:10:48 ON 18 MAR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)
```


FILE COVERS 1907 - 18 Mar 2005 VOL 142 ISS 12

FILE LAST UPDATED: 16 Mar 2005 (20050316/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d L12 hitstr

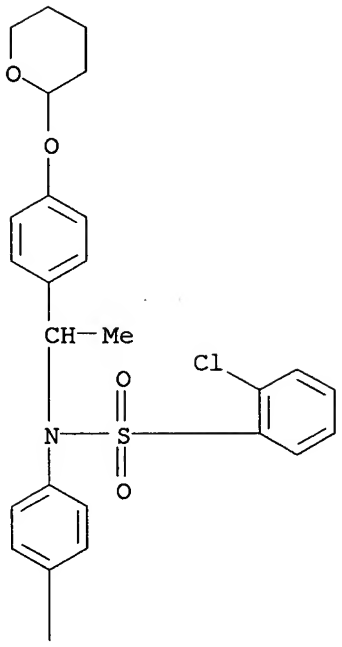
L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

IT **675865-23-3P**, Cyclohexanecarboxylic acid N-(4-hydroxybenzyl)-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]amide **675865-25-5P**, Cyclohexanecarboxylic acid N-(4-hydroxybenzyl)-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]amide hydrochloride **675865-29-9P**, N-(4-Hydroxybenzyl)-3-phenyl-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]propionamide trifluoroacetate **675865-32-4P**, Cyclopropanecarboxylic acid N-(4-hydroxybenzyl)-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]amide trifluoroacetate **675865-37-9P**, Cyclopentanecarboxylic acid N-(4-hydroxybenzyl)-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]amide trifluoroacetate **675865-38-0P**, Cyclohex-3-ene-1-carboxylic acid N-(4-hydroxybenzyl)-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]amide **675865-39-1P**, Cyclohex-3-ene-1-carboxylic acid N-(4-hydroxybenzyl)-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]amide trifluoroacetate **675866-32-7P**, Cyclohexanecarboxylic acid N-(2-chloro-4-hydroxybenzyl)-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]amide **675866-34-9P**, N-(2-Chloro-4-hydroxybenzyl)-3-phenyl-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]propionamide trifluoroacetate **675866-36-1P**, N-(2-Chloro-4-hydroxybenzyl)-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]benzamide trifluoroacetate **675866-37-2P**, Cyclohexanecarboxylic acid N-(2-chloro-4-hydroxybenzyl)-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]amide hydrochloride **675866-40-7P**, N-(2-Chloro-4-hydroxybenzyl)-3-methyl-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]benzamide trifluoroacetate **675866-61-2P**, Cyclohexanecarboxylic acid N-(4-hydroxy-2-methoxybenzyl)-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]amide trifluoroacetate **675866-69-0P**, Cyclohexanecarboxylic acid N-(3-hydroxybenzyl)-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]amide **675866-71-4P**, 2,4,6-Trichloro-N-(3-hydroxybenzyl)-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]benzamide **675866-73-6P**, N-(3-Hydroxybenzyl)-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]benzamide **675866-74-7P**, N-(3-Hydroxybenzyl)-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]-4-trifluoromethylbenzamide **675867-52-4P**, Cyclohexanecarboxylic acid N-(3-fluorobenzyl)-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]amide **675867-70-6P**, N-[1-(4-Hydroxyphenyl)pentyl]-3-phenyl-N-[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]propionamide trifluoroacetate
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of amide and sulfonamide ligands for estrogen receptor)

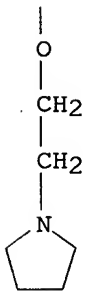
RN 675865-23-3 CAPLUS

CN Cyclohexanecarboxamide, N-[(4-hydroxyphenyl)methyl]-N-[4-[2-(1-pyrrolidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A



REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> FILE REG

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.74	675.20

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.73	-0.73

FILE 'REGISTRY' ENTERED AT 10:19:40 ON 18 MAR 2005

Property values tagged with IC are from the ZIC/VINITI data file

provided by InfoChem.

STRUCTURE FILE UPDATES: 16 MAR 2005 HIGHEST RN 845774-58-5
DICTIONARY FILE UPDATES: 16 MAR 2005 HIGHEST RN 845774-58-5

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> STR 675867-08-0

675867-08-0 MAY NOT BE USED AS A MODEL
COMPONENTS
76-05-1 C2 H F3 O2
675867-07-9 C25 H26 Cl2 N2 O4 S

ENTER NAME OF STRUCTURE TO BE RECALLED (NONE):END

=>
THIS FEATURE IS NOT AVAILABLE FOR THE SELECTED CAS RN

=> d his

(FILE 'HOME' ENTERED AT 09:50:55 ON 18 MAR 2005)

FILE 'REGISTRY' ENTERED AT 09:51:02 ON 18 MAR 2005
L1 STRUCTURE UPLOADED
L2 11 S L1
L3 3890 S L1 FULL

FILE 'CAPLUS' ENTERED AT 09:52:07 ON 18 MAR 2005
L4 619 S L3

FILE 'REGISTRY' ENTERED AT 09:56:05 ON 18 MAR 2005
L5 STRUCTURE UPLOADED
L6 50 S L5
L7 3533 S L5 FULL

FILE 'CAPLUS' ENTERED AT 09:57:05 ON 18 MAR 2005
L8 571 S L7

FILE 'REGISTRY' ENTERED AT 10:06:27 ON 18 MAR 2005
L9 STRUCTURE UPLOADED
L10 0 S L9
L11 36 S L9 FULL

FILE 'CAPLUS' ENTERED AT 10:07:13 ON 18 MAR 2005
L12 1 S L11

our app.

FILE 'BEILSTEIN' ENTERED AT 10:07:55 ON 18 MAR 2005
L13 0 S L11

FILE 'CAOLD' ENTERED AT 10:08:19 ON 18 MAR 2005

```
L14             0 S L11

     FILE 'CAPLUS' ENTERED AT 10:10:48 ON 18 MAR 2005
L15               STRUCTURE UPLOADED
                  S L15

     FILE 'REGISTRY' ENTERED AT 10:16:40 ON 18 MAR 2005
L16            11 S L15

     FILE 'CAPLUS' ENTERED AT 10:16:42 ON 18 MAR 2005
L17             1 S L16

     FILE 'REGISTRY' ENTERED AT 10:16:58 ON 18 MAR 2005
L18           191 S L15 FULL

     FILE 'CAPLUS' ENTERED AT 10:17:17 ON 18 MAR 2005
L19             1 S L18

     FILE 'REGISTRY' ENTERED AT 10:19:40 ON 18 MAR 2005

=> fil beilstein
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                0.43     675.63

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)    SINCE FILE      TOTAL
                                                   ENTRY    SESSION
CA SUBSCRIBER PRICE                                0.00      -0.73

FILE 'BEILSTEIN' ENTERED AT 10:20:25 ON 18 MAR 2005
COPYRIGHT (c) 2005 Beilstein-Institut zur Foerderung der Chemischen Wissenschaften
licensed to Beilstein GmbH and MDL Information Systems GmbH

FILE RELOADED ON OCTOBER 20, 2002
FILE LAST UPDATED ON February 14, 2005

FILE COVERS 1771 TO 2004.
*** FILE CONTAINS  9,133,317 SUBSTANCES ***

>>>PLEASE NOTE: Reaction Data and substance data are stored in
   separate documents and can not be searched together in one query.
   Reaction data for BEILSTEIN compounds may be displayed
   immediately with the display codes PRE (preparations) and REA
   (reactions).  A substance answer set retrieved after the search
   for a chemical name, a compounds with available reaction
   information by combining with PRE/FA, REA/FA or more generally
   with RX/FA. The BEILSTEIN Registry Number (BRN) is the link
   between a BEILSTEIN compound and belonging reactions. For mo
   detailed reaction searches BRNs can be searched as reaction
   partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN).<<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE  <<<

**********************************************************************
* PLEASE NOTE THAT THERE ARE NO FORMATS FREE OF COST.                 *
* SET NOTICE FEATURE: THE COST ESTIMATES CALCULATED FOR SET NOTICE    *
* ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE; THESE           *
* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS.                         *
* FOR PRICE INFORMATION SEE HELP COST                                 *
**********************************************************************
    NEW
* PATENT NUMBERS (PN) AND BABS ACCESSION NUMBERS (BABSAN) CAN NOW BE
  SEARCHED, SELECTED AND TRANSFERRED.
```

*** NEW DISPLAY FORMATS ALLREF, ALLP AND BABSAN SHOW ALL REFERENCES, ALL PATENT REFERENCES, OR ALL BABS ACCESSION NUMBERS FOR A COMPOUND AT A GLANCE.**

```
=> s L18
L20             0 L18

=> fil caold
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     3.88     679.51

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -0.73

FILE 'CAOLD' ENTERED AT 10:20:37 ON 18 MAR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1907-1966
FILE LAST UPDATED:  01 May 1997 (19970501/UP)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.  Title keywords, authors, patent
  assignees, and patent information, e.g., patent numbers, are
  now searchable from 1907-1966.  TIFF images of CA abstracts
  printed between 1907-1966 are available in the PAGE
  display formats.

  This file supports REGistRY for direct browsing and searching of
  all substance data from the REGISTRY file.  Enter HELP FIRST for
  more information.

=> s L18
L21             0 L18

=> d his

     (FILE 'HOME' ENTERED AT 09:50:55 ON 18 MAR 2005)

     FILE 'REGISTRY' ENTERED AT 09:51:02 ON 18 MAR 2005
L1                STRUCTURE UPLOADED
L2             11 S L1
L3           3890 S L1 FULL

     FILE 'CAPLUS' ENTERED AT 09:52:07 ON 18 MAR 2005
L4            619 S L3

     FILE 'REGISTRY' ENTERED AT 09:56:05 ON 18 MAR 2005
L5                STRUCTURE UPLOADED
L6             50 S L5
L7           3533 S L5 FULL

     FILE 'CAPLUS' ENTERED AT 09:57:05 ON 18 MAR 2005
L8            571 S L7

     FILE 'REGISTRY' ENTERED AT 10:06:27 ON 18 MAR 2005
L9                STRUCTURE UPLOADED
L10             0 S L9
L11            36 S L9 FULL
```

```
     FILE 'CAPLUS' ENTERED AT 10:07:13 ON 18 MAR 2005
L12           1 S L11

     FILE 'BEILSTEIN' ENTERED AT 10:07:55 ON 18 MAR 2005
L13           0 S L11

     FILE 'CAOLD' ENTERED AT 10:08:19 ON 18 MAR 2005
L14           0 S L11

     FILE 'CAPLUS' ENTERED AT 10:10:48 ON 18 MAR 2005
L15             STRUCTURE UPLOADED
                S L15

     FILE 'REGISTRY' ENTERED AT 10:16:40 ON 18 MAR 2005
L16          11 S L15

     FILE 'CAPLUS' ENTERED AT 10:16:42 ON 18 MAR 2005
L17           1 S L16

     FILE 'REGISTRY' ENTERED AT 10:16:58 ON 18 MAR 2005
L18         191 S L15 FULL

     FILE 'CAPLUS' ENTERED AT 10:17:17 ON 18 MAR 2005
L19           1 S L18

     FILE 'REGISTRY' ENTERED AT 10:19:40 ON 18 MAR 2005

     FILE 'BEILSTEIN' ENTERED AT 10:20:25 ON 18 MAR 2005
L20           0 S L18

     FILE 'CAOLD' ENTERED AT 10:20:37 ON 18 MAR 2005
L21           0 S L18

=>
Uploading
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Do you want to switch to the Registry File?
Choice (Y/n):
Switching to the Registry File...
Some commands only work in certain files.  For example, the EXPAND
command can only be used to look at the index in a file which has an
index.  Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     5.16     684.67

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -0.73

FILE 'REGISTRY' ENTERED AT 10:28:02 ON 18 MAR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   16 MAR 2005  HIGHEST RN 845774-58-5
```

DICTIONARY FILE UPDATES: 16 MAR 2005 HIGHEST RN 845774-58-5

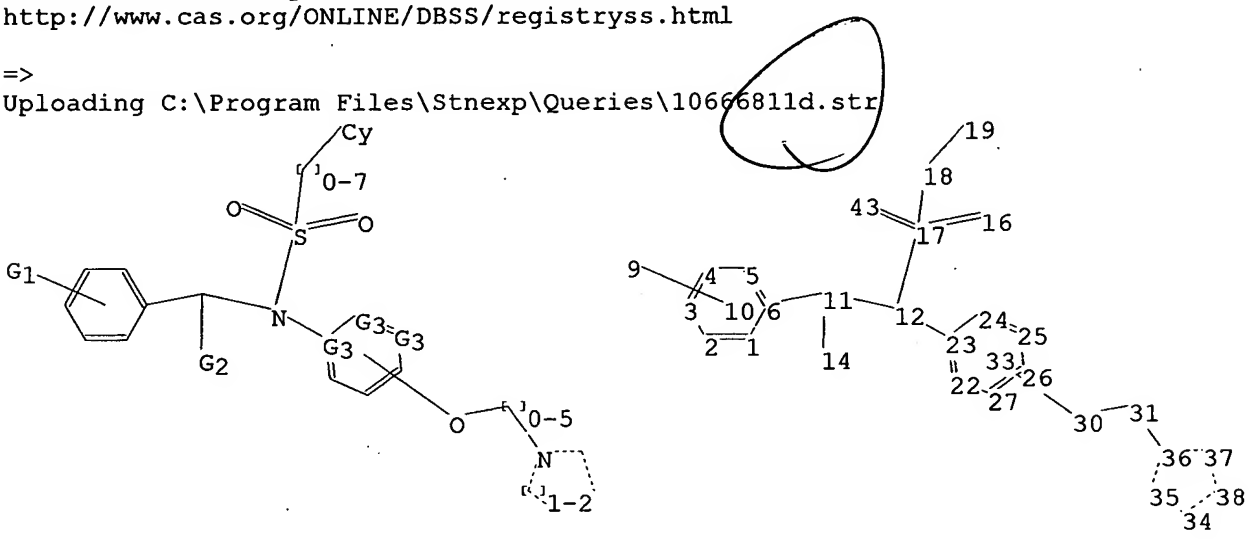
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\10666811d.str



chain nodes :
9 11 12 14 16 17 18 19 30
ring nodes :
1 2 3 4 5 6 22 23 24 25 26 27
chain bonds :
6-11 11-12 11-14 12-17 12-23 16-17 17-18 17-30 18-19
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 22-23 22-27 23-24 24-25 25-26 26-27
exact/norm bonds :
6-11 11-12 11-14 12-17 12-23 16-17 17-18 17-30 18-19 22-23 22-27 23-24 24-25 25-26 26-27
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

G1:H,OH,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,CN,X,Ak

G2:Ak,H

G3:C,N

Hydrogen count :
11:>= minimum 1
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 9:CLASS 10:CLASS 11:CLASS
12:CLASS 14:CLASS 16:CLASS 17:CLASS 18:CLASS 19:Atom 22:Atom 23:Atom
24:Atom 25:Atom 26:Atom 27:Atom 30:CLASS

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.01	687.68

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.73

FILE 'REGISTRY' ENTERED AT 10:32:04 ON 18 MAR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 16 MAR 2005 HIGHEST RN 845774-58-5
DICTIONARY FILE UPDATES: 16 MAR 2005 HIGHEST RN 845774-58-5

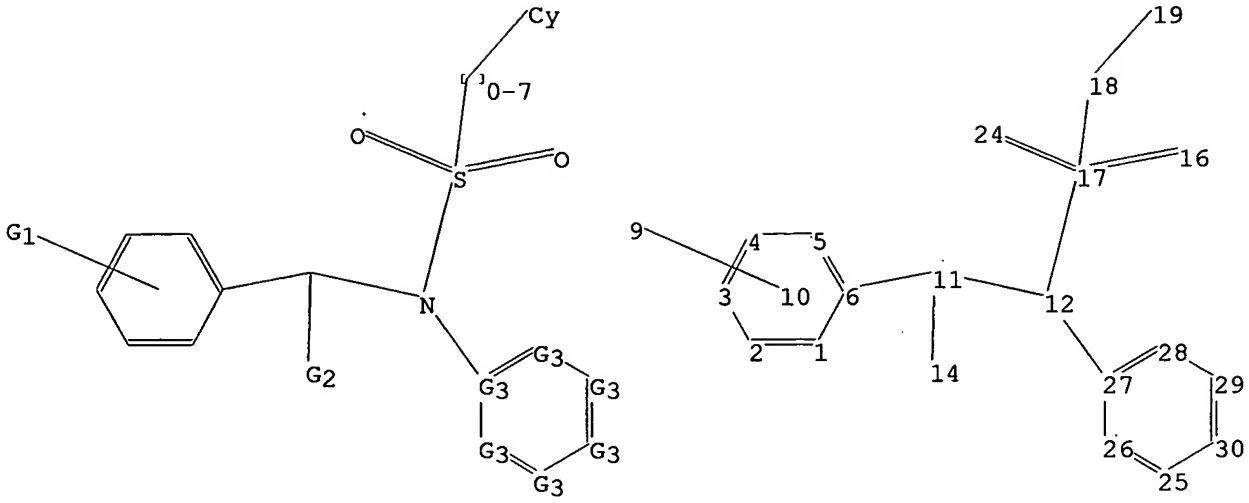
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\10666811e.str



chain nodes :
9 11 12 14 16 17 18 19 24
ring nodes :
1 2 3 4 5 6 25 26 27 28 29 30
chain bonds :
6-11 11-12 11-14 12-17 12-27 16-17 17-18 17-24 18-19
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 25-26 25-30 26-27 27-28 28-29 29-30
exact/norm bonds :
6-11 11-12 11-14 12-17 12-27 16-17 17-18 17-24 18-19 25-26 25-30 26-27
27-28 28-29 29-30
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

G1:H,OH,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,CN,X,Ak

G2:Ak,H

G3:C,N

G4:H,Cy,Ak

Hydrogen count :
11:>= minimum 1
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 9:CLASS 10:CLASS 11:CLASS
12:CLASS 14:CLASS 16:CLASS 17:CLASS 18:CLASS 19:Atom 24:CLASS 25:Atom
26:Atom 27:Atom 28:Atom 29:Atom 30:Atom

L22 STRUCTURE UPLOADED

=> s L22

```
SAMPLE SEARCH INITIATED 10:32:28 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   2029 TO ITERATE

 49.3% PROCESSED    1000 ITERATIONS                                50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        37878 TO    43282
PROJECTED ANSWERS:            3130 TO     4822

L23          50 SEA SSS SAM L22

=> s L22 full
FULL SEARCH INITIATED 10:32:35 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -  40849 TO ITERATE

100.0% PROCESSED   40849 ITERATIONS                            4275 ANSWERS
SEARCH TIME: 00.00.02

L24         4275 SEA SSS FUL L22

=> fil caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   161.33     849.01

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -0.73

FILE 'CAPLUS' ENTERED AT 10:32:41 ON 18 MAR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)


Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
American Chemical Society and is provided to assist you in searching
databases on STN.  Any dissemination, distribution, copying, or storing
of this information, without the prior written consent of CAS, is
strictly prohibited.

FILE COVERS 1907 - 18 Mar 2005  VOL 142 ISS 13
FILE LAST UPDATED: 17 Mar 2005  (20050317/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.

=> s L24
L25          295 L24

=>-d his

     (FILE 'HOME' ENTERED AT 09:50:55 ON 18 MAR 2005)

     FILE 'REGISTRY' ENTERED AT 09:51:02 ON 18 MAR 2005
```

```
L1              STRUCTURE UPLOADED
L2           11 S L1
L3         3890 S L1 FULL

     FILE 'CAPLUS' ENTERED AT 09:52:07 ON 18 MAR 2005
L4          619 S L3

     FILE 'REGISTRY' ENTERED AT 09:56:05 ON 18 MAR 2005
L5              STRUCTURE UPLOADED
L6           50 S L5
L7         3533 S L5 FULL

     FILE 'CAPLUS' ENTERED AT 09:57:05 ON 18 MAR 2005
L8          571 S L7

     FILE 'REGISTRY' ENTERED AT 10:06:27 ON 18 MAR 2005
L9              STRUCTURE UPLOADED
L10           0 S L9
L11          36 S L9 FULL

     FILE 'CAPLUS' ENTERED AT 10:07:13 ON 18 MAR 2005
L12           1 S L11

     FILE 'BEILSTEIN' ENTERED AT 10:07:55 ON 18 MAR 2005
L13           0 S L11

     FILE 'CAOLD' ENTERED AT 10:08:19 ON 18 MAR 2005
L14           0 S L11

     FILE 'CAPLUS' ENTERED AT 10:10:48 ON 18 MAR 2005
L15             STRUCTURE UPLOADED
                S L15

     FILE 'REGISTRY' ENTERED AT 10:16:40 ON 18 MAR 2005
L16          11 S L15

     FILE 'CAPLUS' ENTERED AT 10:16:42 ON 18 MAR 2005
L17           1 S L16

     FILE 'REGISTRY' ENTERED AT 10:16:58 ON 18 MAR 2005
L18         191 S L15 FULL

     FILE 'CAPLUS' ENTERED AT 10:17:17 ON 18 MAR 2005
L19           1 S L18

     FILE 'REGISTRY' ENTERED AT 10:19:40 ON 18 MAR 2005

     FILE 'BEILSTEIN' ENTERED AT 10:20:25 ON 18 MAR 2005
L20           0 S L18

     FILE 'CAOLD' ENTERED AT 10:20:37 ON 18 MAR 2005
L21           0 S L18

     FILE 'REGISTRY' ENTERED AT 10:28:02 ON 18 MAR 2005

     FILE 'REGISTRY' ENTERED AT 10:32:04 ON 18 MAR 2005
L22             STRUCTURE UPLOADED
L23          50 S L22
L24        4275 S L22 FULL

     FILE 'CAPLUS' ENTERED AT 10:32:41 ON 18 MAR 2005
L25         295 S L24
```

=> fil beilstein
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.45	849.46

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.73

FILE 'BEILSTEIN' ENTERED AT 10:33:22 ON 18 MAR 2005

FILE RELOADED ON OCTOBER 20, 2002
FILE LAST UPDATED ON February 14, 2005

FILE COVERS 1771 TO 2004.
*** FILE CONTAINS 9,133,317 SUBSTANCES ***

>>>PLEASE NOTE: Reaction Data and substance data are stored in separate documents and can not be searched together in one query. Reaction data for BEILSTEIN compounds may be displayed immediately with the display codes PRE (preparations) and REA (reactions). A substance answer set retrieved after the search for a chemical name, a compounds with available reaction information by combining with PRE/FA, REA/FA or more generally with RX/FA. The BEILSTEIN Registry Number (BRN) is the link between a BEILSTEIN compound and belonging reactions. For mo detailed reaction searches BRNs can be searched as reaction partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN).<<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE <<<

****
* PLEASE NOTE THAT THERE ARE NO FORMATS FREE OF COST. *
* SET NOTICE FEATURE: THE COST ESTIMATES CALCULATED FOR SET NOTICE *
* ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE; THESE *
* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS. *
* FOR PRICE INFORMATION SEE HELP COST *
****

NEW
* **PATENT NUMBERS (PN) AND BABS ACCESSION NUMBERS (BABSAN) CAN NOW BE SEARCHED, SELECTED AND TRANSFERRED.**
* **NEW DISPLAY FORMATS ALLREF, ALLP AND BABSAN SHOW ALL REFERENCES, ALL PATENT REFERENCES, OR ALL BABS ACCESSION NUMBERS FOR A COMPOUND AT A GLANCE.**

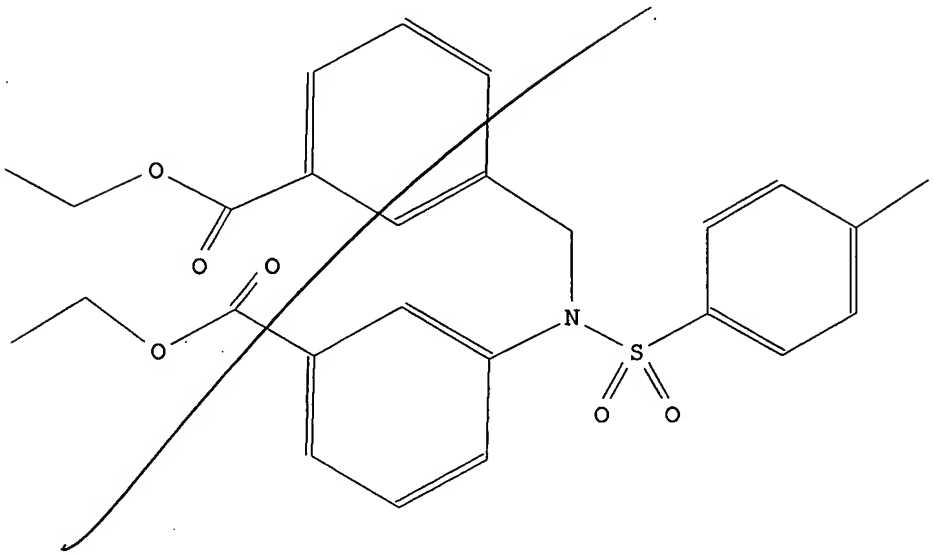
=> s L24
L26 96 L24

=> d L26 1-5

L26 ANSWER 1 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	6450285
Beilstein Pref. RN (BPR):	112000-44-9
CAS Reg. No. (RN):	**112000-44-9**
Chemical Name (CN):	3-(Ethoxycarbonyl)-N-<3-(ethoxycarbonyl)benzyl>-N-(4-methylphenylsulfonyl)anilin
Molec. Formula (MF):	C26 H27 N O6 S
Molecular Weight (MW):	481.56

Lawson Number (LN):	16047, 16038, 13813, 298
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	5611520
Tautomer ID (TAUTID):	6146424
Beilstein Citation (BSO):	6-14
Entry Date (DED):	1994/01/24
Update Date (DUPD):	1994/01/24



Field Availability:

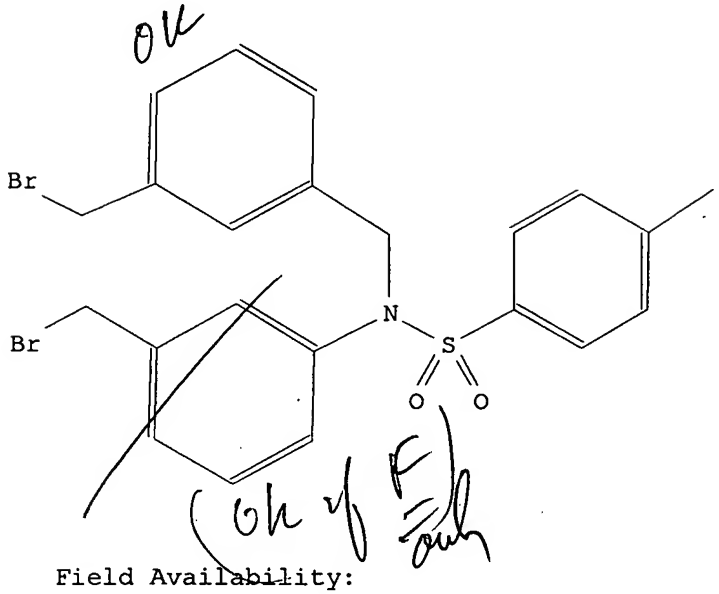
Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 2 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	6439229
Beilstein Pref. RN (BPR):	112000-46-1
CAS Reg. No. (RN):	**112000-46-1**
Chemical Name (CN):	3-(Brommethyl)-N-<3-(brommethyl)benzyl>-N-(4-methylphenylsulfonyl)anilin
Autonom Name (AUN):	N-(3-bromomethyl-benzyl)-N-(3-bromomethyl-phenyl)-4-methyl-benzenesulfonamide
Molec. Formula (MF):	C22 H21 Br2 N O2 S
Molecular Weight (MW):	523.28
Lawson Number (LN):	14150, 14141, 13813
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	5603552
Tautomer ID (TAUTID):	6141492
Beilstein Citation (BSO):	6-12
Entry Date (DED):	1994/01/24
Update Date (DUPD):	1994/01/24



Field Availability:

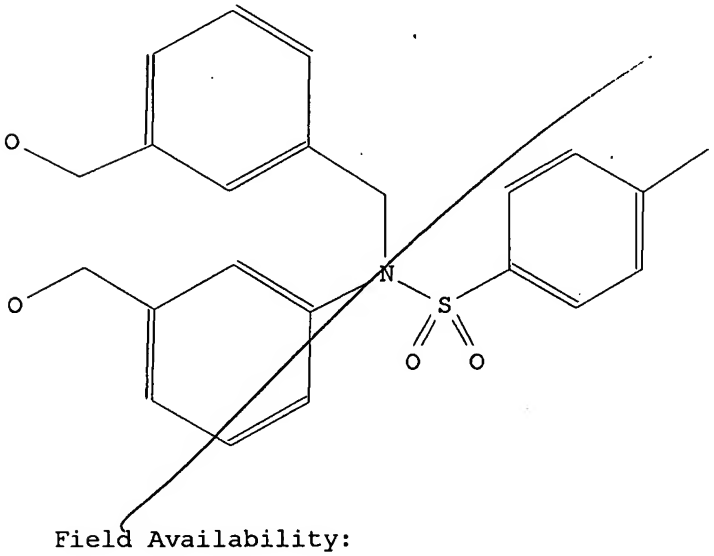
Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 3 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	6439151
Beilstein Pref. RN (BPR):	112000-45-0
CAS Reg. No. (RN):	**112000-45-0**
Chemical Name (CN):	3-(Hydroxymethyl)-N-<3-(hydroxymethyl)benzyl>-N-(4-methylphenylsulfonyl)anilin
Autonom Name (AUN):	N-(3-hydroxymethyl-benzyl)-N-(3-hydroxymethyl-phenyl)-4-methyl-benzenesulfonamide
Molec. Formula (MF):	C22 H23 N O4 S
Molecular Weight (MW):	397.49
Lawson Number (LN):	14910, 14901, 13813
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	5602308
Tautomer ID (TAUTID):	6141495
Beilstein Citation (BSO):	6-13
Entry Date (DED):	1994/01/24
Update Date (DUPD):	1994/01/24



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1

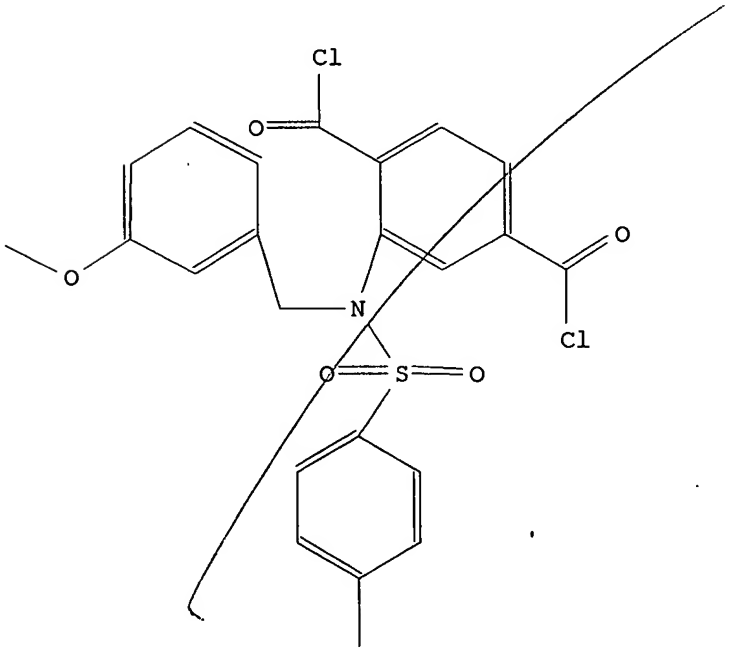
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 4 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	6017104
Beilstein Pref. RN (BPR):	78382-92-0
CAS Reg. No. (RN):	**78382-92-0**
Chemical Name (CN):	2-<(3-methoxy-benzyl)-(toluene-4-sulfonyl)-amino>-terephthaloyl dichloride
Autonom Name (AUN):	2-<(3-methoxy-benzyl)-(toluene-4-sulfonyl)-amino>-terephthaloyl dichloride
Molec. Formula (MF):	C23 H19 Cl2 N O5 S
Molecular Weight (MW):	492.37
Lawson Number (LN):	16137, 14901, 13813, 289
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	5279658
Tautomer ID (TAUTID):	5764075
Beilstein Citation (BSO):	6-14
Entry Date (DED):	1993/07/22
Update Date (DUPD):	1994/02/18



Field Availability:

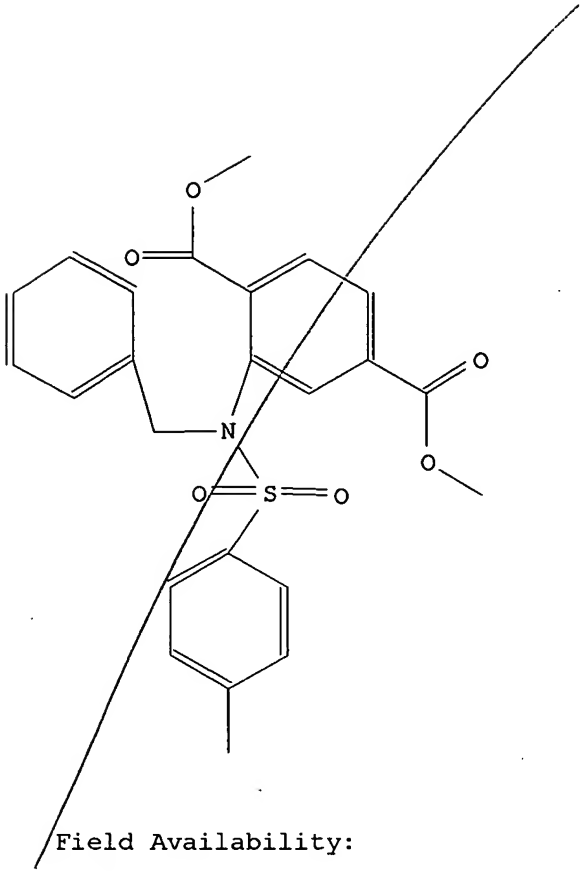
Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 5 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	6013112
Beilstein Pref. RN (BPR):	78382-88-4
CAS Reg. No. (RN):	**78382-88-4**
Chemical Name (CN):	dimethyl 2-(N-benzyl-N-p-toluenesulfonamido)terephthalate
Autonom Name (AUN):	2-<benzyl-(toluene-4-sulfonyl)-amino>-terephthalic acid dimethyl ester
Molec. Formula (MF):	C24 H23 N O6 S
Molecular Weight (MW):	453.51
Lawson Number (LN):	16137, 14140, 13813, 289
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	5271062
Tautomer ID (TAUTID):	5759202
Beilstein Citation (BSO):	6-14
Entry Date (DED):	1993/07/22
Update Date (DUPD):	1996/01/03



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1

This substance also occurs in Reaction Documents:

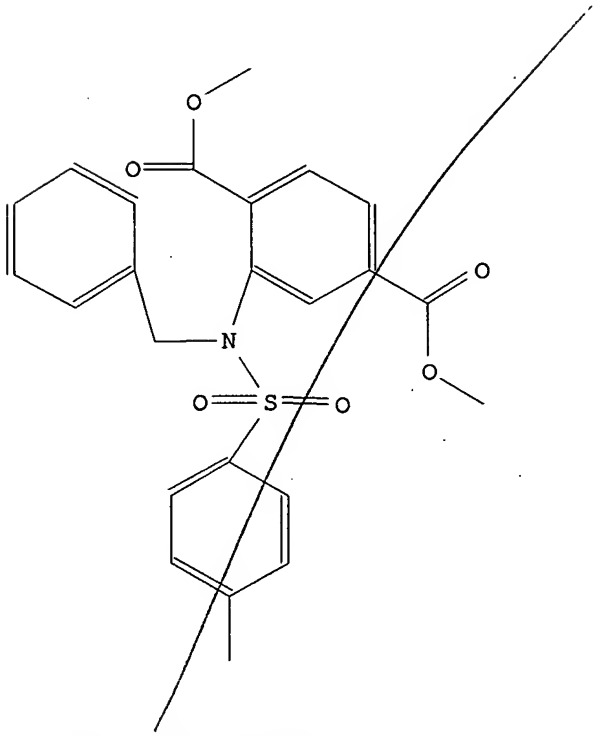
Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

=> d L26 5-96

L26 ANSWER 5 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN): 6013112
Beilstein Pref. RN (BPR): 78382-88-4
CAS Reg. No. (RN): **78382-88-4**
Chemical Name (CN): dimethyl 2-(N-benzyl-N-p-

	toluenesulfonamido)terephthalate
Autonom Name (AUN):	2-<benzyl-(toluene-4-sulfonyl)-amino>-terephthalic acid dimethyl ester
Molec. Formula (MF):	C24 H23 N O6 S
Molecular Weight (MW):	453.51
Lawson Number (LN):	16137, 14140, 13813, 289
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	5271062
Tautomer ID (TAUTID):	5759202
Beilstein Citation (BSO):	6-14
Entry Date (DED):	1993/07/22
Update Date (DUPD):	1996/01/03



Field Availability:

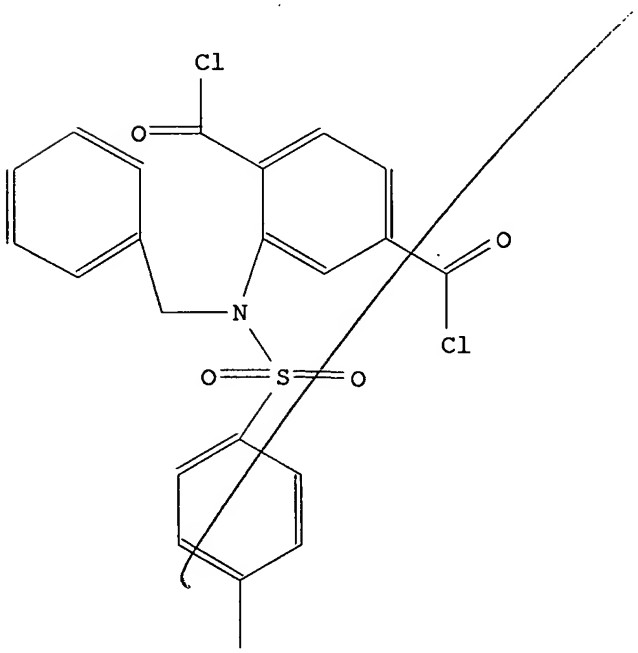
Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 6 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	6010590
Beilstein Pref. RN (BPR):	78382-90-8
CAS Reg. No. (RN):	**78382-90-8**
Chemical Name (CN):	2-<benzyl-(toluene-4-sulfonyl)-amino>-terephthaloyl dichloride
Autonom Name (AUN):	2-<benzyl-(toluene-4-sulfonyl)-amino>-terephthaloyl dichloride
Molec. Formula (MF):	C22 H17 Cl2 N O4 S
Molecular Weight (MW):	462.35
Lawson Number (LN):	16137, 14140, 13813
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	5269863
Tautomer ID (TAUTID):	5759228
Beilstein Citation (BSO):	6-14
Entry Date (DED):	1993/07/22
Update Date (DUPD):	1994/02/18



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1

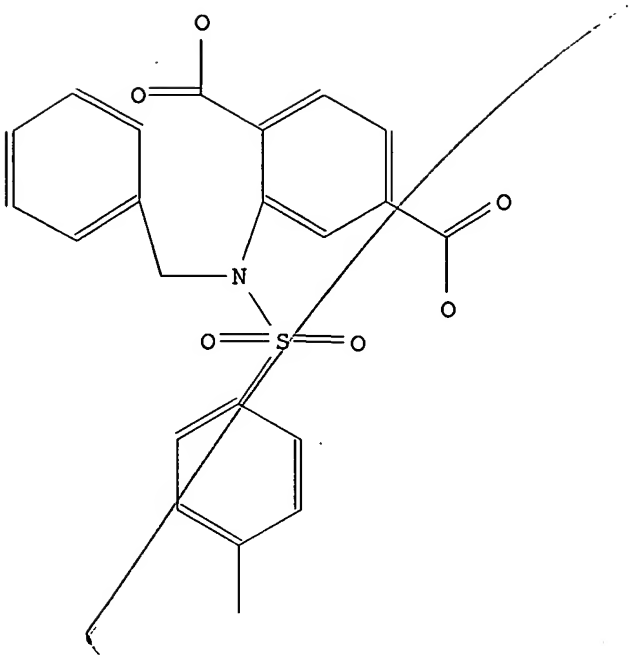
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 7 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	6010589
Beilstein Pref. RN (BPR):	78382-89-5
CAS Reg. No. (RN):	**78382-89-5**
Chemical Name (CN):	2-<benzyl-(toluene-4-sulfonyl)-amino>-terephthalic acid
Autonom Name (AUN):	2-<benzyl-(toluene-4-sulfonyl)-amino>-terephthalic acid
Molec. Formula (MF):	C22 H19 N O6 S
Molecular Weight (MW):	425.46
Lawson Number (LN):	16137, 14140, 13813
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	5273188
Tautomer ID (TAUTID):	5778472
Beilstein Citation (BSO):	6-14
Entry Date (DED):	1993/07/22
Update Date (DUPD):	1996/01/03



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1

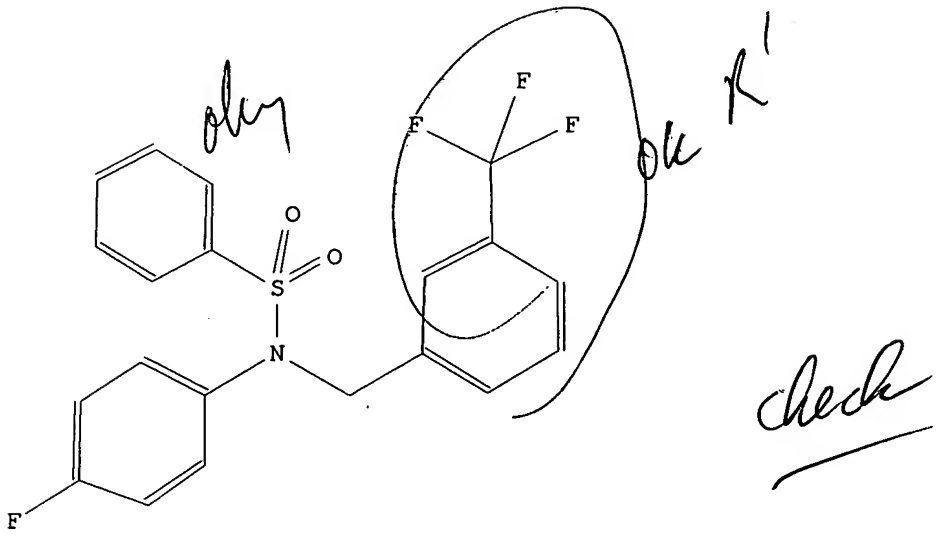
This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 8 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN): 6002936
Beilstein Pref. RN (BPR): 75137-22-3
CAS Reg. No. (RN): **75137-22-3**
Chemical Name (CN): N-(4-fluoro-phenyl)-N-(3-trifluoromethyl-benzyl)-benzenesulfonamide
Autonom Name (AUN): N-(4-fluoro-phenyl)-N-(3-trifluoromethyl-benzyl)-benzenesulfonamide

Molec. Formula (MF):	C20 H15 F4 N O2 S
Molecular Weight (MW):	409.40
Lawson Number (LN):	14144, 14132, 13803
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	5263176
Tautomer ID (TAUTID):	5721153
Beilstein Citation (BSO):	6-12
Entry Date (DED):	1993/07/22
Update Date (DUPD):	1996/01/03



Field Availability:

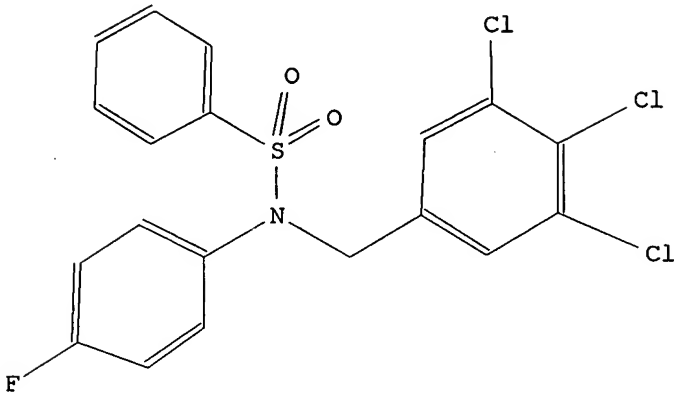
Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
BP	Boiling Point	1
NMR	Nuclear Magnetic Resonance	10

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 9 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	6002152
Beilstein Pref. RN (BPR):	75137-25-6
CAS Reg. No. (RN):	**75137-25-6**
Chemical Name (CN):	N-(4-fluoro-phenyl)-N-(3,4,5-trichloro-benzyl)-benzenesulfonamide
Autonom Name (AUN):	N-(4-fluoro-phenyl)-N-(3,4,5-trichloro-benzyl)-benzenesulfonamide
Molec. Formula (MF):	C19 H13 Cl3 F N O2 S
Molecular Weight (MW):	444.73
Lawson Number (LN):	14143, 14132, 13803
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	5264296
Tautomer ID (TAUTID):	5721543
Beilstein Citation (BSO):	6-12
Entry Date (DED):	1993/07/22
Update Date (DUPD):	1996/01/03



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	10

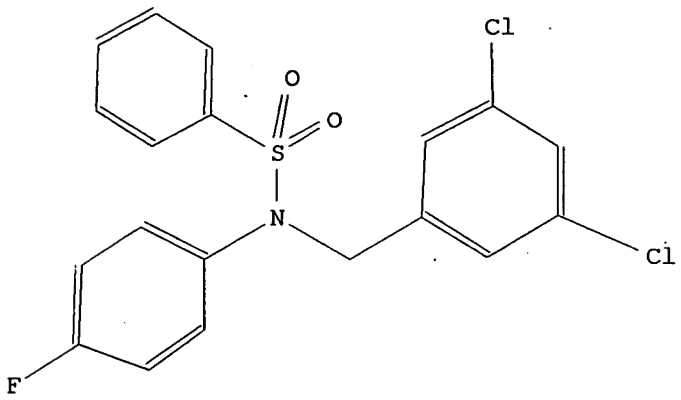
This substance also occurs in Reaction Documents:

Code	Name	Occurrence

RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 10 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	5995490
Beilstein Pref. RN (BPR):	75137-24-5
CAS Reg. No. (RN):	**75137-24-5**
Chemical Name (CN):	N-(3,5-dichloro-benzyl)-N-(4-fluoro-phenyl)-benzenesulfonamide
Autonom Name (AUN):	N-(3,5-dichloro-benzyl)-N-(4-fluoro-phenyl)-benzenesulfonamide
Molec. Formula (MF):	C19 H14 Cl2 F N O2 S
Molecular Weight (MW):	410.29
Lawson Number (LN):	14142, 14132, 13803
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	5226896
Tautomer ID (TAUTID):	5644931
Beilstein Citation (BSO):	6-12
Entry Date (DED):	1993/07/22
Update Date (DUPD):	1996/01/03



check

Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1

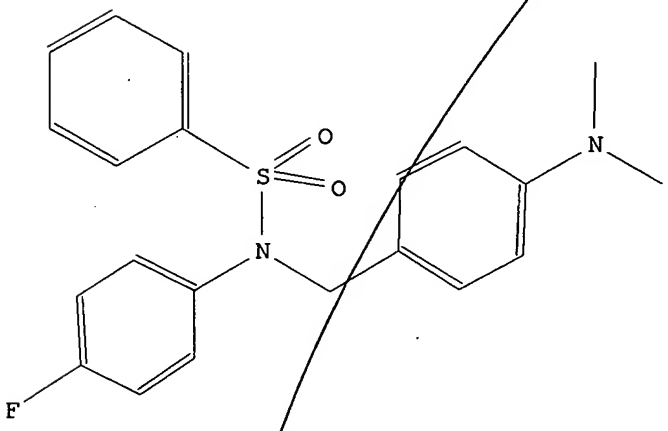
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	10

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 11 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	5994147
Beilstein Pref. RN (BPR):	75137-14-3
CAS Reg. No. (RN):	**75137-14-3**
Chemical Name (CN):	N-(4-dimethylamino-benzyl)-N-(4-fluoro-phenyl)-benzenesulfonamide
Autonom Name (AUN):	N-(4-dimethylamino-benzyl)-N-(4-fluoro-phenyl)-benzenesulfonamide
Molec. Formula (MF):	C21 H21 F N2 O2 S
Molecular Weight (MW):	384.47
Lawson Number (LN):	14517, 14132, 13803, 2817
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	5222483
Tautomer ID (TAUTID):	5641824
Beilstein Citation (BSO):	6-13
Entry Date (DED):	1993/07/22
Update Date (DUPD):	1996/01/03



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1

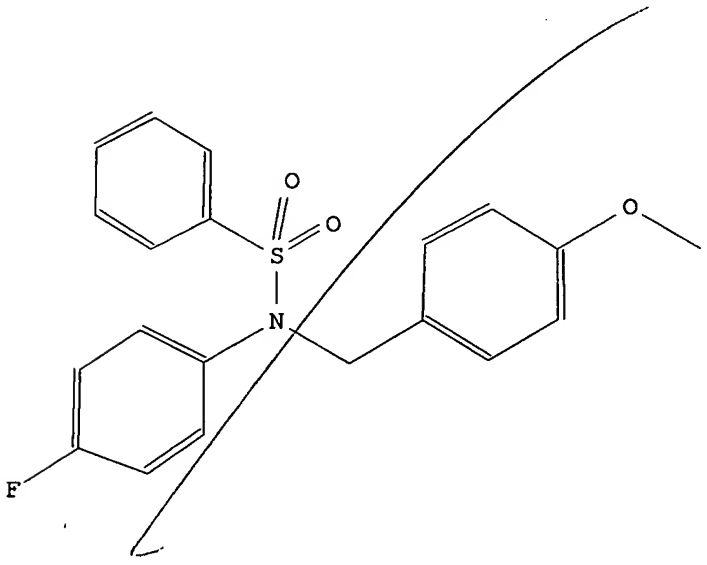
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	10

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 12 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	5990740
Beilstein Pref. RN (BPR):	75137-15-4
CAS Reg. No. (RN):	**75137-15-4**
Chemical Name (CN):	N-(4-fluoro-phenyl)-N-(4-methoxy-benzyl)-benzenesulfonamide
Autonom Name (AUN):	N-(4-fluoro-phenyl)-N-(4-methoxy-benzyl)-benzenesulfonamide
Molec. Formula (MF):	C20 H18 F N O3 S
Molecular Weight (MW):	371.43
Lawson Number (LN):	14901, 14132, 13803, 289
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	5219655
Tautomer ID (TAUTID):	5639449
Beilstein Citation (BSO):	6-13
Entry Date (DED):	1993/07/22
Update Date (DUPD):	1996/01/03



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1

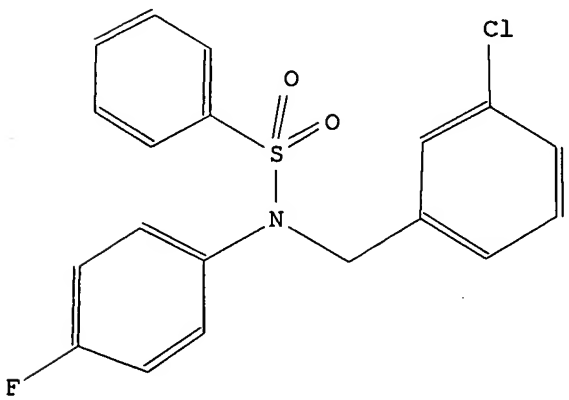
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	10

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 13 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	5989199
Beilstein Pref. RN (BPR):	75137-20-1
CAS Reg. No. (RN):	**75137-20-1**
Chemical Name (CN):	N-(3-chloro-benzyl)-N-(4-fluoro-phenyl)-benzenesulfonamide
Autonom Name (AUN):	N-(3-chloro-benzyl)-N-(4-fluoro-phenyl)-benzenesulfonamide
Molec. Formula (MF):	C19 H15 Cl F N O2 S
Molecular Weight (MW):	375.84
Lawson Number (LN):	14141, 14132, 13803
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	5220325
Tautomer ID (TAUTID):	5641203
Beilstein Citation (BSO):	6-12
Entry Date (DED):	1993/07/22
Update Date (DUPD):	1996/01/03



check

Field Availability:

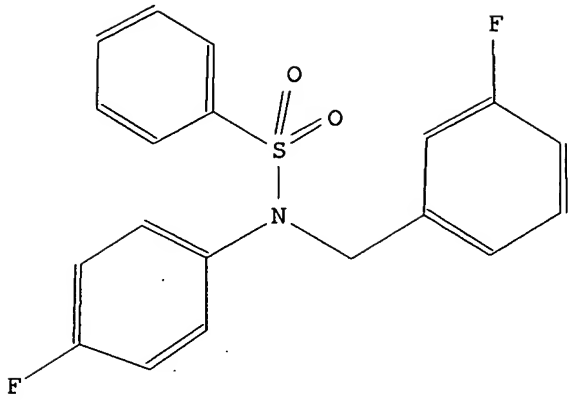
Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	10

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 14 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN): 5989198
Beilstein Pref. RN (BPR): 75137-21-2
CAS Reg. No. (RN): **75137-21-2**
Chemical Name (CN): N-(3-fluoro-benzyl)-N-(4-fluoro-phenyl)-benzenesulfonamide
Autonom Name (AUN): N-(3-fluoro-benzyl)-N-(4-fluoro-phenyl)-benzenesulfonamide
Molec. Formula (MF): C19 H15 F2 N O2 S
Molecular Weight (MW): 359.39
Lawson Number (LN): 14141, 14132, 13803
Compound Type (CTYPE): isocyclic
Constitution ID (CONSID): 5220323
Tautomer ID (TAUTID): 5641201
Beilstein Citation (BSO): 6-12
Entry Date (DED): 1993/07/22
Update Date (DUPD): 1996/01/03



check

Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	10

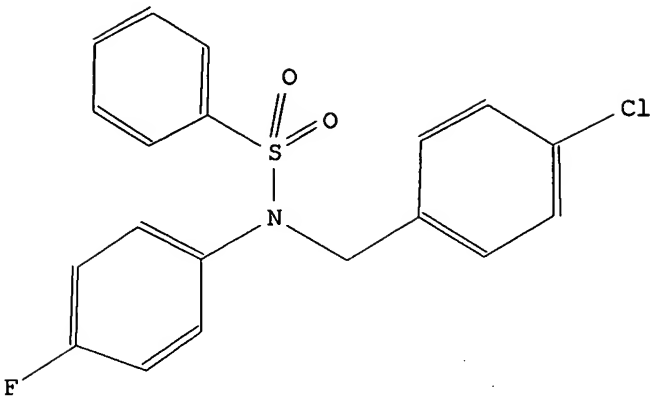
This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 15 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	5989193
Beilstein Pref. RN (BPR):	75137-19-8
CAS Reg. No. (RN):	**75137-19-8**
Chemical Name (CN):	N-(4-chlorobenzyl)-N-benzenesulfonyl-4'-fluoroanilide
Autonom Name (AUN):	N-(4-chloro-benzyl)-N-(4-fluoro-phenyl)-benzenesulfonamide
Molec. Formula (MF):	C19 H15 Cl F N O2 S
Molecular Weight (MW):	375.84
Lawson Number (LN):	14141, 14132, 13803
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	5218940
Tautomer ID (TAUTID):	5639138
Beilstein Citation (BSO):	6-12

Entry Date (DED): 1993/07/22
Update Date (DUPD): 1996/01/03



check

Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	10

This substance also occurs in Reaction Documents:

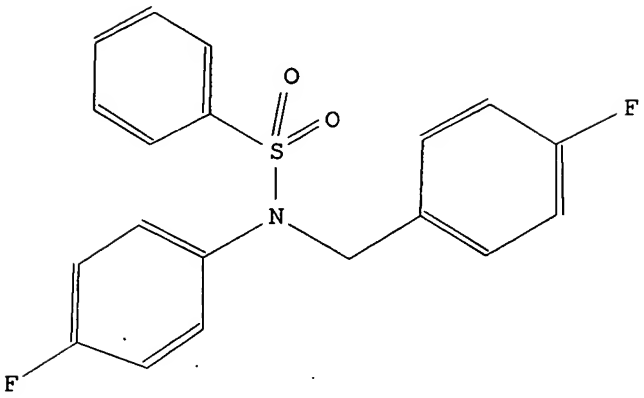
Code	Name	Occurrence
RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 16 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN): 5989192
Beilstein Pref. RN (BPR): 75137-18-7
CAS Reg. No. (RN): **75137-18-7**
Chemical Name (CN): N-(4-fluoro-benzyl)-N-(4-fluoro-phenyl)-benzenesulfonamide
Autonom Name (AUN): N-(4-fluoro-benzyl)-N-(4-fluoro-phenyl)-benzenesulfonamide
Molec. Formula (MF): C19 H15 F2 N O2 S

Molecular Weight (MW): 359.39
Lawson Number (LN): 14141, 14132, 13803
Compound Type (CTYPE): isocyclic
Constitution ID (CONSID): 5218937
Tautomer ID (TAUTID): 5639137
Beilstein Citation (BSO): 6-12
Entry Date (DED): 1993/07/22
Update Date (DUPD): 1996/01/03

check



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	10

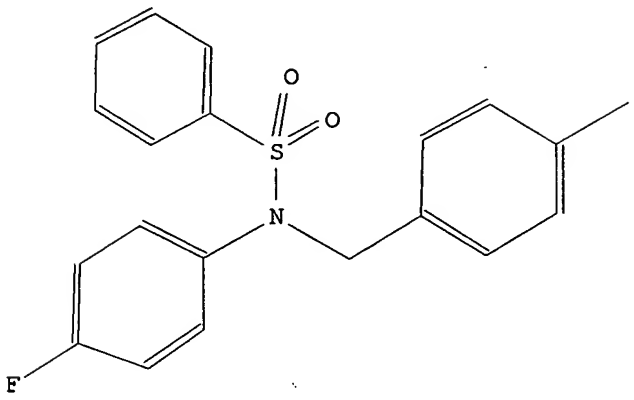
This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 17 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN): 5985954
Beilstein Pref. RN (BPR): 75137-16-5

CAS Reg. No. (RN):	**75137-16-5**
Chemical Name (CN):	N-(4-fluoro-phenyl)-N-(4-methyl-benzyl)-benzenesulfonamide
Autonom Name (AUN):	N-(4-fluoro-phenyl)-N-(4-methyl-benzyl)-benzenesulfonamide
Molec. Formula (MF):	C20 H18 F N O2 S
Molecular Weight (MW):	355.43
Lawson Number (LN):	14150, 14132, 13803
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	5214455
Tautomer ID (TAUTID):	5636475
Beilstein Citation (BSO):	6-12
Entry Date (DED):	1993/07/22
Update Date (DUPD):	1996/01/03



Check

Field Availability:

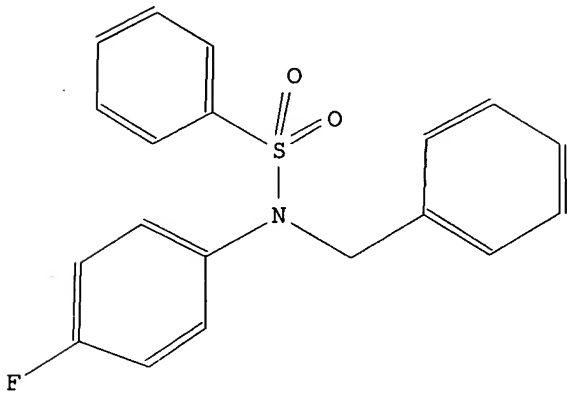
Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	10

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 18 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	5980177
Beilstein Pref. RN (BPR):	75137-17-6
CAS Reg. No. (RN):	**75137-17-6**
Chemical Name (CN):	N-benzyl-4'-fluorobenzenesulfanilide
Autonom Name (AUN):	N-benzyl-N-(4-fluoro-phenyl)-benzenesulfonamide
Molec. Formula (MF):	C19 H16 F N O2 S
Molecular Weight (MW):	341.40
Lawson Number (LN):	14140, 14132, 13803
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	5210421
Tautomer ID (TAUTID):	5635154
Beilstein Citation (BSO):	6-12
Entry Date (DED):	1993/07/22
Update Date (DUPD):	1996/01/03



check

Field Availability:

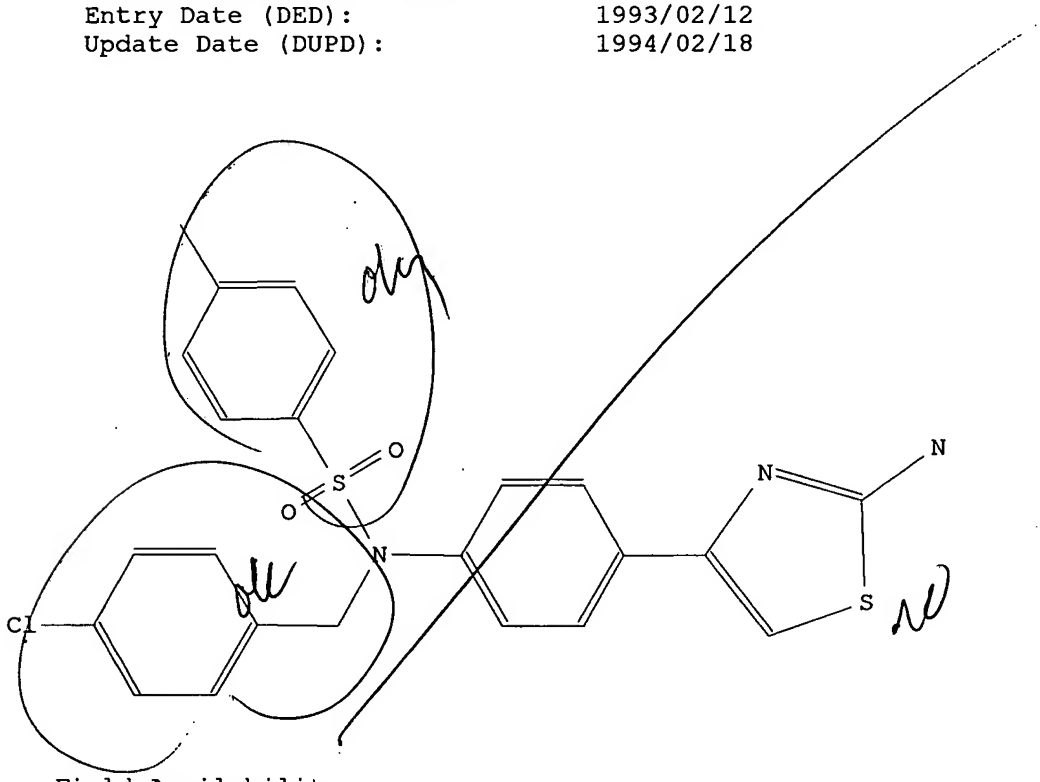
Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	10

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 19 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	5654281
Beilstein Pref. RN (BPR):	79615-31-9
CAS Reg. No. (RN):	**79615-31-9**
Chemical Name (CN):	2-amino-4-<4-<N-(4-chlorobenzyl)-N-(p-toluenesulfonyl)amino>phenyl>thiazole
Autonom Name (AUN):	N-<4-(2-amino-thiazol-4-yl)-phenyl>-N-(4-chloro-benzyl)-4-methyl-benzenesulfonamide
Molec. Formula (MF):	C23 H20 Cl N3 O2 S2
Molecular Weight (MW):	470.00
Lawson Number (LN):	31604, 14141, 13813
Compound Type (CTYPE):	heterocyclic
Constitution ID (CONSID):	4974505
Tautomer ID (TAUTID):	5414767
Beilstein Citation (BSO):	6-27
Entry Date (DED):	1993/02/12
Update Date (DUPD):	1994/02/18



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
FS	File Segment	1

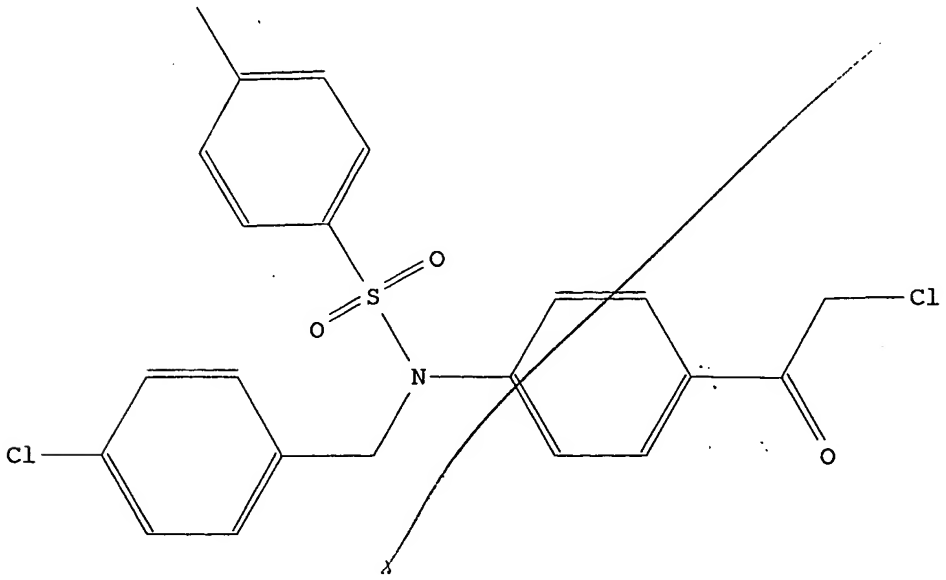
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
CDISP	Compound Disposition	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 20 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	5639072
Beilstein Pref. RN (BPR):	79615-86-4
CAS Reg. No. (RN):	**79615-86-4**
Chemical Name (CN):	ω-chloro-4-<N-(4-chlorobenzyl)-N-(p-toluenesulfonyl)amino>acetophenone
Autonom Name (AUN):	N-(4-chloroacetyl-phenyl)-N-(4-chloro-benzyl)-4-methyl-benzenesulfonamide
Molec. Formula (MF):	C22 H19 Cl2 N O3 S
Molecular Weight (MW):	448.36
Lawson Number (LN):	15495, 14141, 13813
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	4957147
Tautomer ID (TAUTID):	5410650
Beilstein Citation (BSO):	6-14
Entry Date (DED):	1993/02/12
Update Date (DUPD):	1994/02/18



Field Availability:

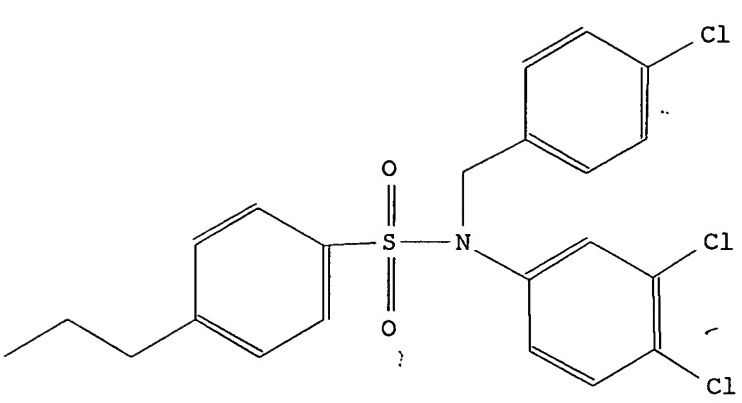
Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
IR	Infrared Spectrum	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 21 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	5638831
Beilstein Pref. RN (BPR):	86887-18-5
CAS Reg. No. (RN):	**86887-18-5**
Chemical Name (CN):	N-(4-chloro-benzyl)-N-(3,4-dichloro-phenyl)-4-propyl-benzenesulfonamide
Autonom Name (AUN):	N-(4-chloro-benzyl)-N-(3,4-dichloro-phenyl)-4-propyl-benzenesulfonamide
Molec. Formula (MF):	C22 H20 Cl3 N O2 S
Molecular Weight (MW):	468.82
Lawson Number (LN):	14141, 14133, 13831
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	4963955
Tautomer ID (TAUTID):	5397633
Beilstein Citation (BSO):	6-12
Entry Date (DED):	1993/02/12
Update Date (DUPD):	1994/02/18



check

Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1
PHARM	Pharmacological Data	1

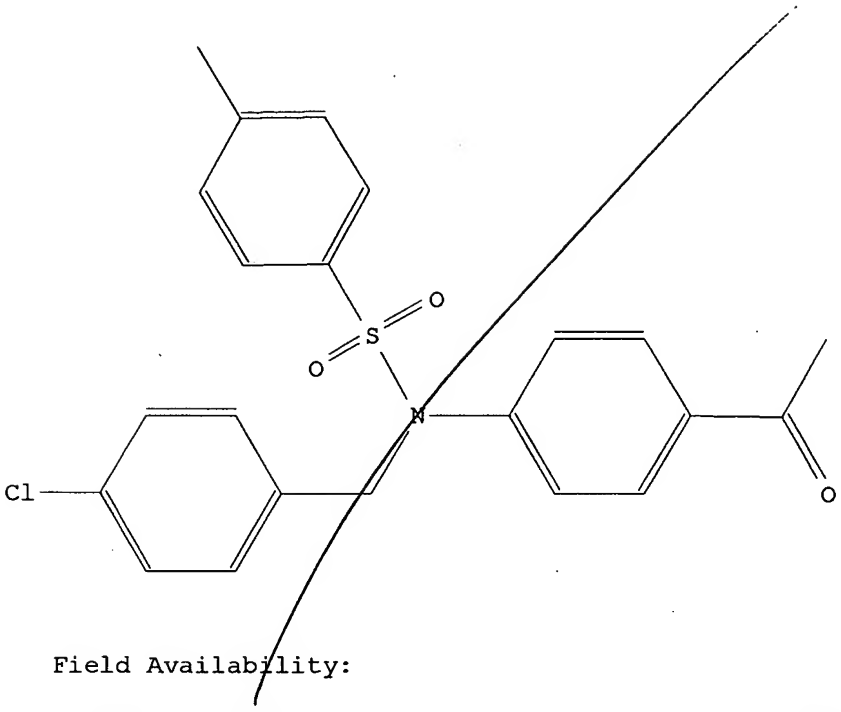
This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 22 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	5623568
Beilstein Pref. RN (BPR):	79615-73-9
CAS Reg. No. (RN):	**79615-73-9**
Chemical Name (CN):	4-<N-(4-chlorobenzyl)-N-(p-toluenesulfonyl)amino>acetophenone
Autonom Name (AUN):	N-(4-acetyl-phenyl)-N-(4-chloro-benzyl)-4-methyl-benzenesulfonamide
Molec. Formula (MF):	C22 H20 Cl N O3 S
Molecular Weight (MW):	413.92
Lawson Number (LN):	15495, 14141, 13813
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	4945047
Tautomer ID (TAUTID):	5407652
Beilstein Citation (BSO):	6-14
Entry Date (DED):	1993/02/12

Update Date (DUPD): 1994/02/18



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
IR	Infrared Spectrum	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	1

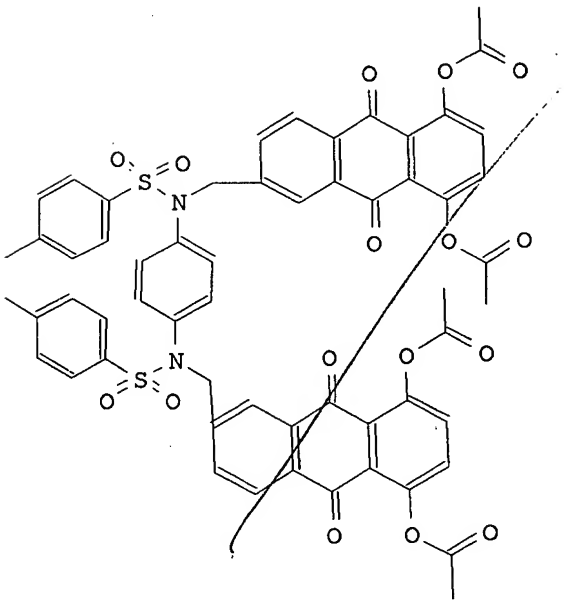
This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 23 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN): 5230092
Beilstein Pref. RN (BPR): 118226-19-0

CAS Reg. No. (RN):	**118226-19-0**
Chemical Name (CN):	acetic acid 4-acetoxy-7-<(<4-<(5,8-diacetoxy-9,10-dioxo-9,10-dihydro-anthracen-2-ylmethyl)-(toluene-4-sulfonyl)-amino>-phenyl>-(toluene-4-sulfonyl)-amino)-methyl>-9,10-dioxo-9,10-dihydro-anthracen-1-yl ester
Autonom Name (AUN):	acetic acid 4-acetoxy-7-<(<4-<(5,8-diacetoxy-9,10-dioxo-9,10-dihydro-anthracen-2-ylmethyl)-(toluene-4-sulfonyl)-amino>-phenyl>-(toluene-4-sulfonyl)-amino)-methyl>-9,10-dioxo-9,10-dihydro-anthracen-1-yl ester
Molec. Formula (MF):	C58 H44 N2 O16 S2
Molecular Weight (MW):	1089.11
Lawson Number (LN):	15964, 14508, 13813, 1155
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	4682398
Tautomer ID (TAUTID):	5060273
Beilstein Citation (BSO):	6-14
Entry Date (DED):	1992/08/28
Update Date (DUPD):	1993/03/20



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
FS	File Segment	1
CTYPE	Compound Type	1

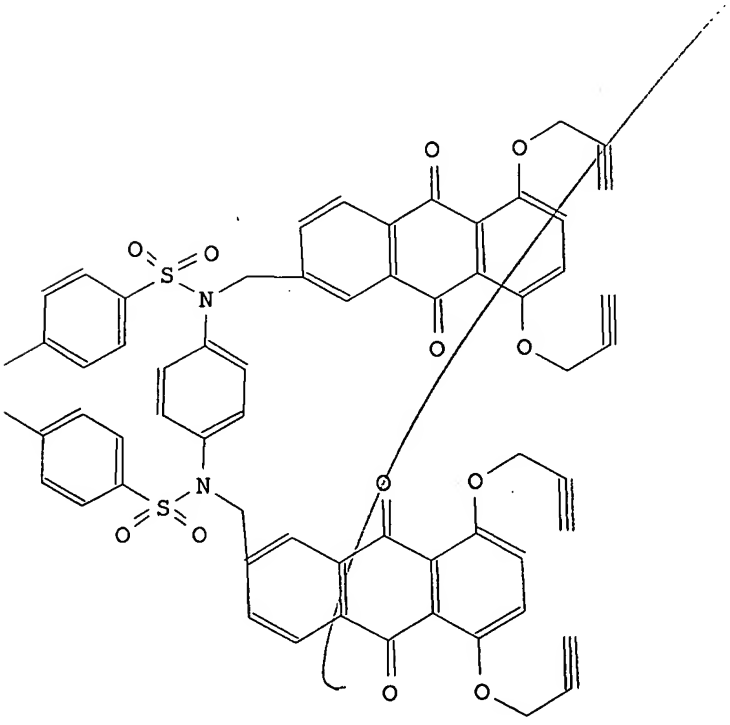
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	2

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 24 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	5229497
Beilstein Pref. RN (BPR):	118226-21-4
CAS Reg. No. (RN):	**118226-21-4**
Molec. Formula (MF):	C62 H44 N2 O12 S2
Molecular Weight (MW):	1073.16
Lawson Number (LN):	15964, 14508, 13813, 475
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	4682907
Tautomer ID (TAUTID):	5060061
Beilstein Citation (BSO):	6-14
Entry Date (DED):	1992/08/28
Update Date (DUPD):	1993/03/20



Field Availability:

Code	Name	Occurrence

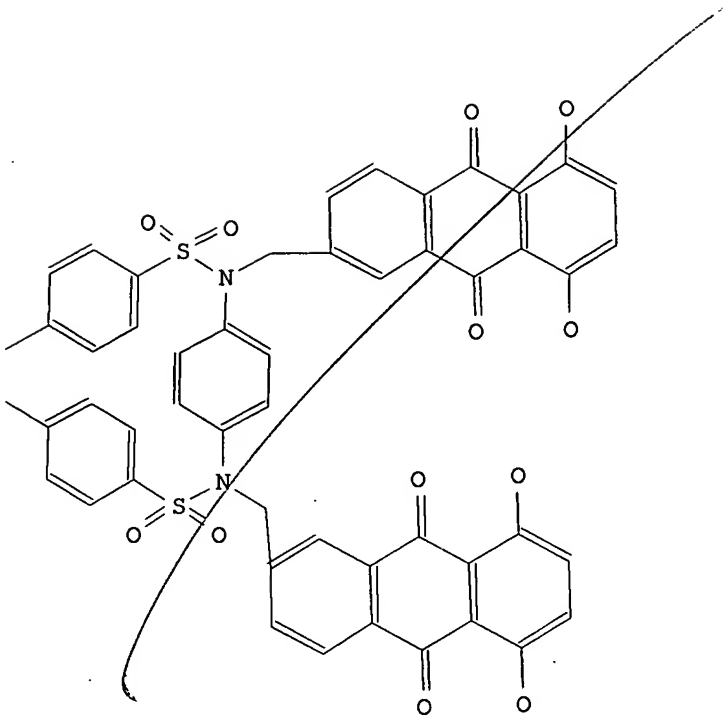
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
FS	File Segment	1
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	2

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 25 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	5226556
Beilstein Pref. RN (BPR):	118226-20-3
CAS Reg. No. (RN):	**118226-20-3**
Molec. Formula (MF):	C50 H36 N2 O12 S2
Molecular Weight (MW):	920.96
Lawson Number (LN):	15964, 14508, 13813
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	4680921
Tautomer ID (TAUTID):	5059934
Beilstein Citation (BSO):	6-14
Entry Date (DED):	1992/08/28
Update Date (DUPD):	1993/03/20



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1

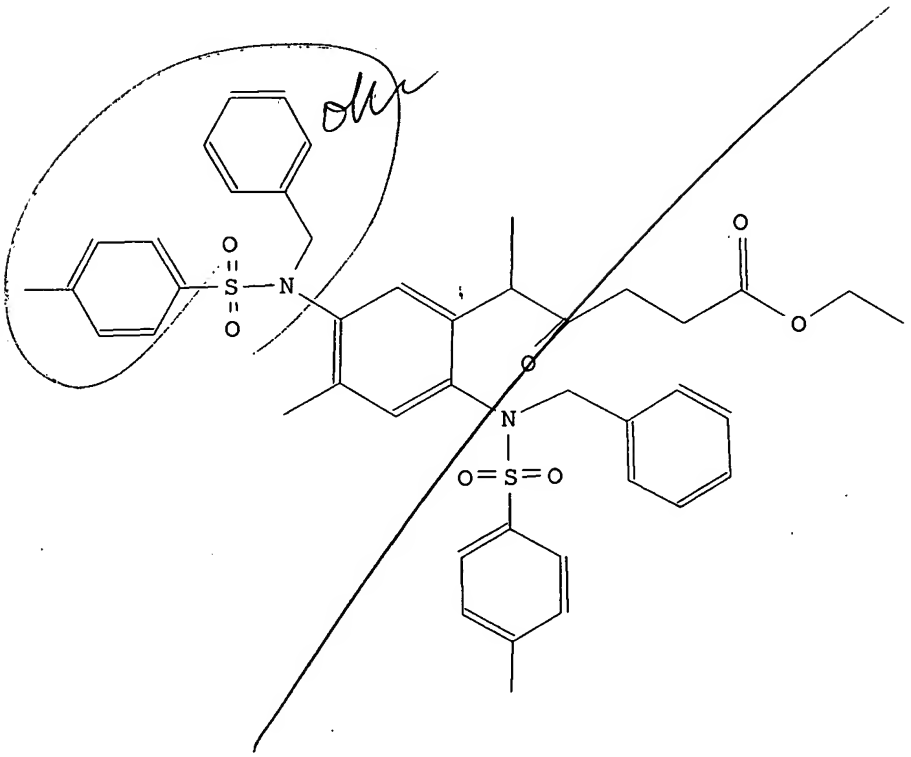
This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 26 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	5218757
Beilstein Pref. RN (BPR):	88589-41-7
CAS Reg. No. (RN):	**88589-41-7**
Chemical Name (CN):	2,5-Bis<benzyl(p-tolylsulfonyl)amino>-4-(1-methyl-2-oxo-4-carboethoxybutyl)toluene
Autonom Name (AUN):	5-<2,5-bis-<benzyl-(toluene-4-sulfonyl)-amino>-4-methyl-phenyl>-4-oxo-hexanoic acid ethyl ester
Molec. Formula (MF):	C43 H46 N2 O7 S2

Molecular Weight (MW):	766.97
Lawson Number (LN):	16296, 14140, 13813, 298
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	4670036
Tautomer ID (TAUTID):	5057564
Beilstein Citation (BSO):	6-14
Entry Date (DED):	1992/08/28
Update Date (DUPD):	1992/09/22



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
IR	Infrared Spectrum	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	2

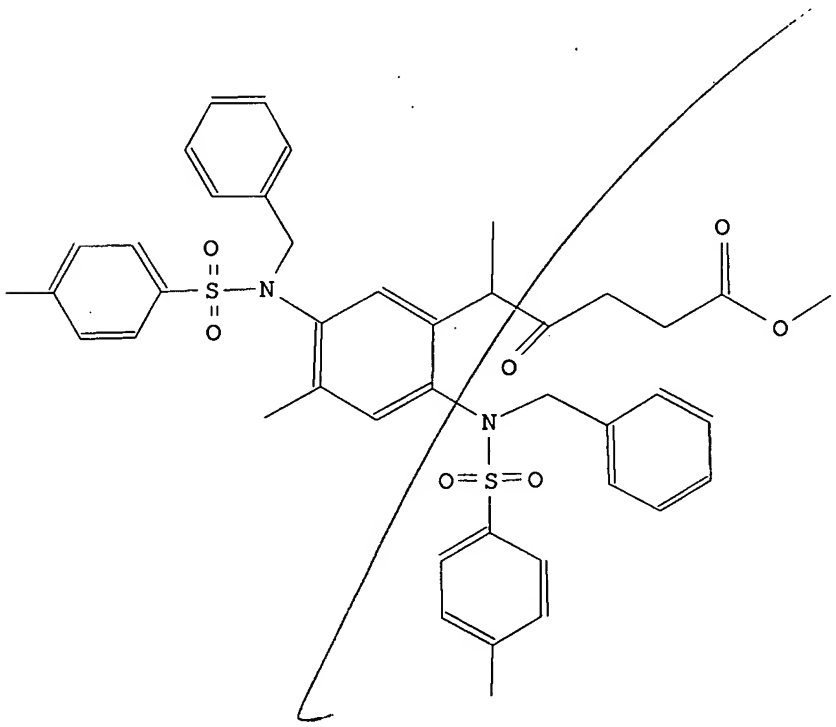
This substance also occurs in Reaction Documents:

Code	Name	Occurrence

RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 27 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	5217713
Beilstein Pref. RN (BPR):	88589-40-6
CAS Reg. No. (RN):	**88589-40-6**
Chemical Name (CN):	2,5-Bis<benzyl(p-tolylsulfonyl)amino>-4-(1-methyl-2-oxo-4-carbomethoxybutyl)toluene
Autonom Name (AUN):	5-<2,5-bis-<benzyl-(toluene-4-sulfonyl)-amino>-4-methyl-phenyl>-4-oxo-hexanoic acid methyl ester
Molec. Formula (MF):	C42 H44 N2 O7 S2
Molecular Weight (MW):	752.94
Lawson Number (LN):	16296, 14140, 13813, 289
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	4669095
Tautomer ID (TAUTID):	5057544
Beilstein Citation (BSO):	6-14
Entry Date (DED):	1992/08/28
Update Date (DUPD):	1992/09/22



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1

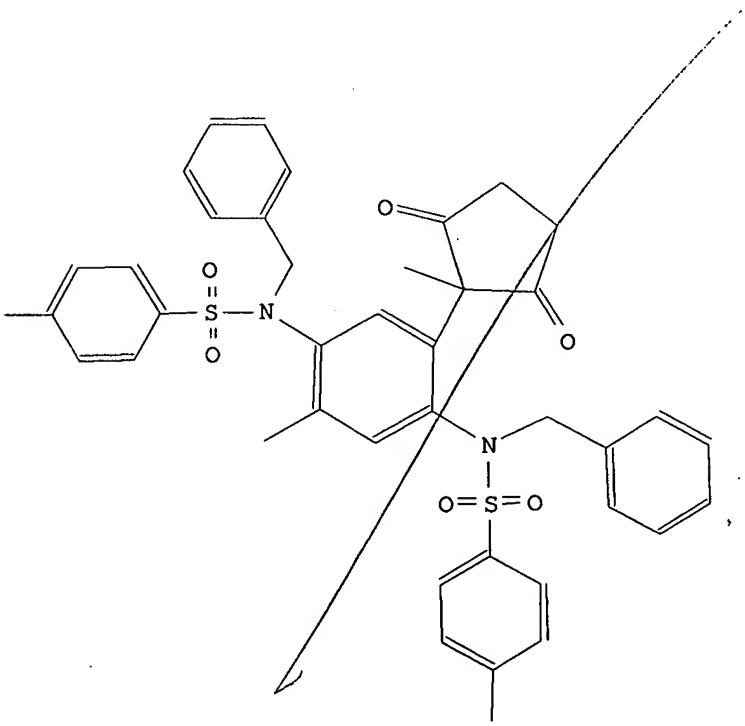
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
IR	Infrared Spectrum	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	2

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 28 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	5215257
Beilstein Pref. RN (BPR):	88589-36-0
CAS Reg. No. (RN):	**88589-36-0**
Chemical Name (CN):	2,5-Bis<benzyl(p-tolylsulfonyl)amino>-4-(2,5-dioxo-1-methylcyclopentyl)toluene
Molec. Formula (MF):	C41 H40 N2 O6 S2
Molecular Weight (MW):	720.90
Lawson Number (LN):	15705, 14140, 13813
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	4666828
Tautomer ID (TAUTID):	5056351
Beilstein Citation (BSO):	6-14
Entry Date (DED):	1992/08/28
Update Date (DUPD):	1992/12/09



Field Availability:

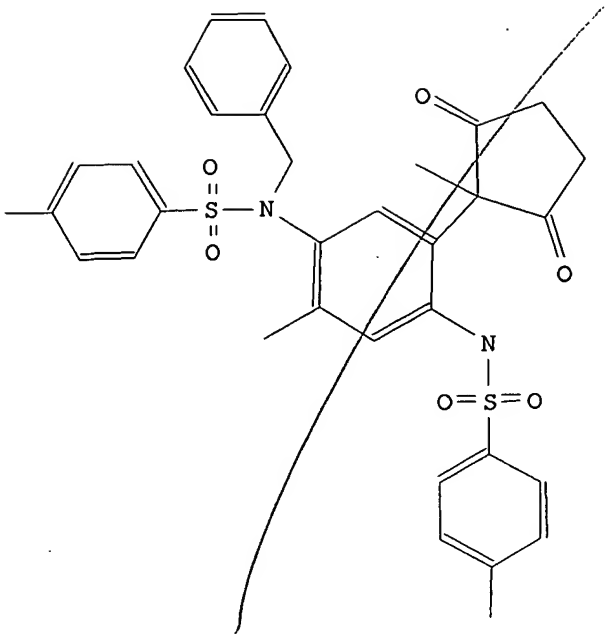
Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
IR	Infrared Spectrum	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	2

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	7
RXREA	Substance is Reaction Reactant	6
RXPRO	Substance is Reaction Product	1

L26 ANSWER 29 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN): 5207357
Beilstein Pref. RN (BPR): 88589-43-9
CAS Reg. No. (RN): **88589-43-9**
Chemical Name (CN): 2-<Benzyl(p-tolylsulfonyl)amino>-4-(2,5-dioxo-1-methylcyclopentyl)-5-<(p-tolylsulfonyl)amino>toluene
Molec. Formula (MF): C34 H34 N2 O6 S2
Molecular Weight (MW): 630.77
Lawson Number (LN): 15705, 14140, 13813
Compound Type (CTYPE): isocyclic
Constitution ID (CONSID): 4660056
Tautomer ID (TAUTID): 5056328
Beilstein Citation (BSO): 6-14
Entry Date (DED): 1992/08/28
Update Date (DUPD): 1992/12/09



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
IR	Infrared Spectrum	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	2

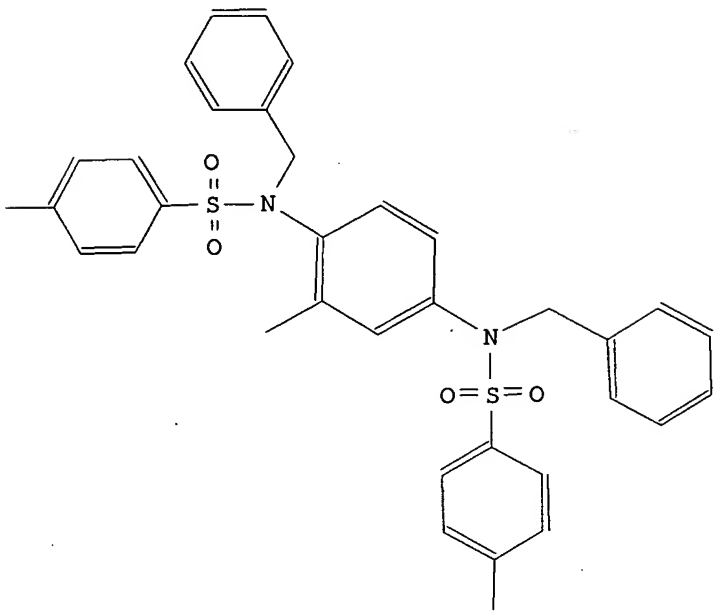
This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 30 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN): 5197090
Beilstein Pref. RN (BPR): 88589-42-8
CAS Reg. No. (RN): **88589-42-8**
Chemical Name (CN): 2,5-Bis<benzyl(p-tolylsulfonyl)amino>toluene
Molec. Formula (MF): C35 H34 N2 O4 S2
Molecular Weight (MW): 610.78

Lawson Number (LN):	14518, 14140, 13813
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	4619277
Tautomer ID (TAUTID):	4974392
Beilstein Citation (BSO):	6-13
Entry Date (DED):	1992/08/28
Update Date (DUPD):	1992/12/09



Field Availability:

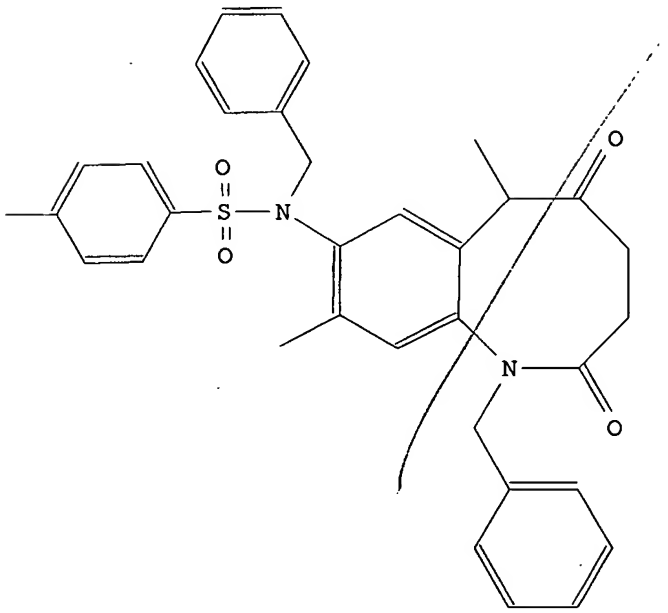
Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
IR	Infrared Spectrum	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	2

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 31 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	5196994
Beilstein Pref. RN (BPR):	88589-39-3
CAS Reg. No. (RN):	**88589-39-3**
Chemical Name (CN):	1-Benzyl-8-<benzyl(p-tolylsulfonyl)amino>-6,9-dimethyl-2,5-dioxo-1,2,3,4,5,6-hexahydro-1-benzazocine
Autonom Name (AUN):	N-benzyl-N-(1-benzyl-6,9-dimethyl-2,5-dioxo-1,2,3,4,5,6-hexahydro-benzo<b>azocin-8-yl)-4-methyl-benzenesulfonamide
Molec. Formula (MF):	C34 H34 N2 O4 S
Molecular Weight (MW):	566.71
Lawson Number (LN):	27764, 14140, 13813
Compound Type (CTYPE):	heterocyclic
Constitution ID (CONSID):	4621593
Tautomer ID (TAUTID):	4974600
Beilstein Citation (BSO):	6-22
Entry Date (DED):	1992/08/28
Update Date (DUPD):	1992/09/22



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3

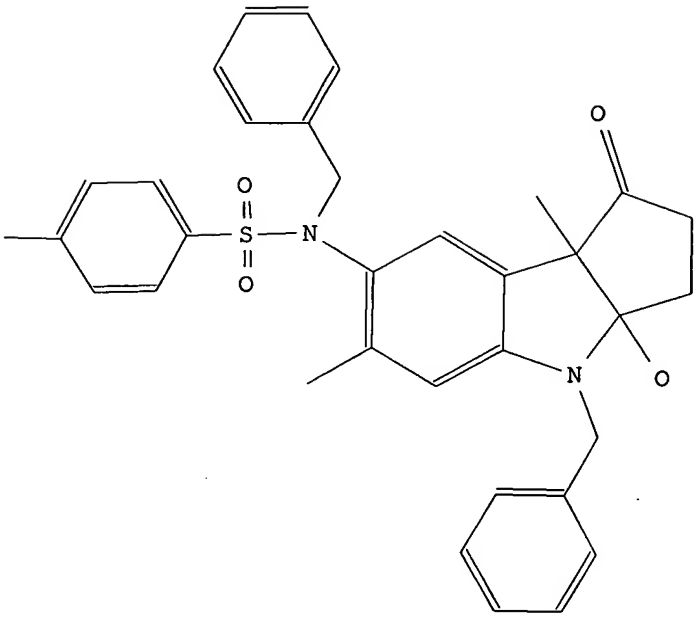
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
IR	Infrared Spectrum	1
NMR	Nuclear Magnetic Resonance	2

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXPRO	Substance is Reaction Product	2

L26 ANSWER 32 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	5196506
Beilstein Pref. RN (BPR):	88589-37-1
CAS Reg. No. (RN):	**88589-37-1**
Chemical Name (CN):	4-Benzyl-7-<benzyl(p-tolylsulfonyl)amino>-6,8b-dimethyl-3a-hydroxy-1-oxo-1,2,3,3a,4,8b-hexahydrocyclopent<b>indole
Autonom Name (AUN):	N-benzyl-N-(4-benzyl-3a-hydroxy-6,8b-dimethyl-1-oxo-1,2,3,3a,4,8b-hexahydro-cyclopenta<b>indol-7-yl)-4-methyl-benzenesulfonamide
Molec. Formula (MF):	C34 H34 N2 O4 S
Molecular Weight (MW):	566.71
Lawson Number (LN):	27784, 14140, 13813
Compound Type (CTYPE):	heterocyclic
Constitution ID (CONSID):	4622377
Tautomer ID (TAUTID):	4971452
Beilstein Citation (BSO):	6-22
Entry Date (DED):	1992/08/28
Update Date (DUPD):	1992/09/22



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
IR	Infrared Spectrum	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	2

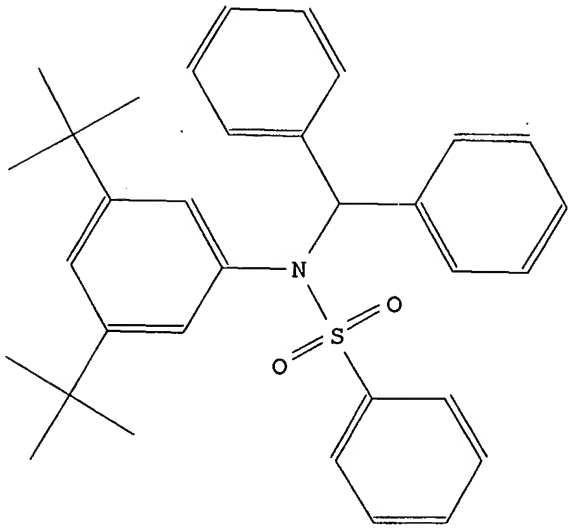
This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	4
RXPRO	Substance is Reaction Product	4

L26 ANSWER 33 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN): 5169383
Beilstein Pref. RN (BPR): 114763-87-0
CAS Reg. No. (RN): **114763-87-0**
Chemical Name (CN): N-bis(3,5-di-tert-butylphenyl)-N-(diphenylmethyl)benzenesulfonamide
Autonom Name (AUN): N-benzhydryl-N-(3,5-di-tert-butyl-phenyl)-

	benzenesulfonamide
Molec. Formula (MF):	C33 H37 N O2 S
Molecular Weight (MW):	511.72
Lawson Number (LN):	14304, 14193, 13803
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	4584129
Tautomer ID (TAUTID):	4890050
Beilstein Citation (BSO):	6-12
Entry Date (DED):	1992/08/28
Update Date (DUPD):	1993/03/20



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
FBRN	Fragment BRN	2
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
IR	Infrared Spectrum	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	1

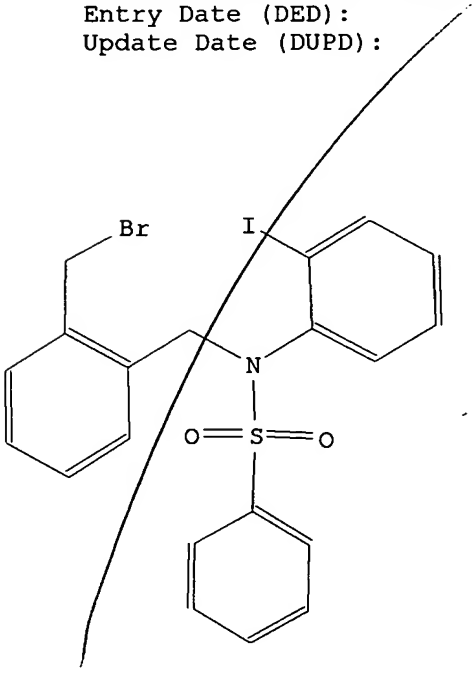
This substance also occurs in Reaction Documents:

Code	Name	Occurrence

RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 34 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	4763327
Beilstein Pref. RN (BPR):	136582-34-8
CAS Reg. No. (RN):	**136582-34-8**
Chemical Name (CN):	N-(2-bromomethyl-benzyl)-N-(2-iodo-phenyl)-benzenesulfonamide
Autonom Name (AUN):	N-(2-bromomethyl-benzyl)-N-(2-iodo-phenyl)-benzenesulfonamide
Molec. Formula (MF):	C20 H17 Br I N O2 S
Molecular Weight (MW):	542.23
Lawson Number (LN):	14150, 14132, 13803
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	4242226
Tautomer ID (TAUTID):	4530292
Beilstein Citation (BSO):	6-12
Entry Date (DED):	1992/07/20
Update Date (DUPD):	1993/03/20



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1

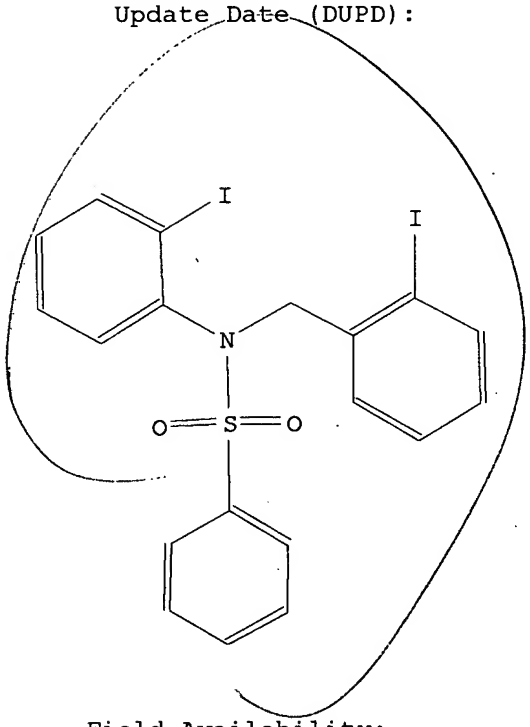
Code	Name	Occurrence
DUPD	Update Date	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	1
RXREA	Substance is Reaction Reactant	1

L26 ANSWER 35 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	4762352
Beilstein Pref. RN (BPR):	136582-32-6
CAS Reg. No. (RN):	**136582-32-6**
Chemical Name (CN):	N-(2-iodo-benzyl)-N-(2-iodo-phenyl)-benzenesulfonamide
Autonom Name (AUN):	N-(2-iodo-benzyl)-N-(2-iodo-phenyl)-benzenesulfonamide
Molec. Formula (MF):	C19 H15 I2 N O2 S
Molecular Weight (MW):	575.20
Lawson Number (LN):	14141, 14132, 13803
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	4241144
Tautomer ID (TAUTID):	4529755
Beilstein Citation (BSO):	6-12
Entry Date (DED):	1992/07/20
Update Date (DUPD):	1993/03/20



check

Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1

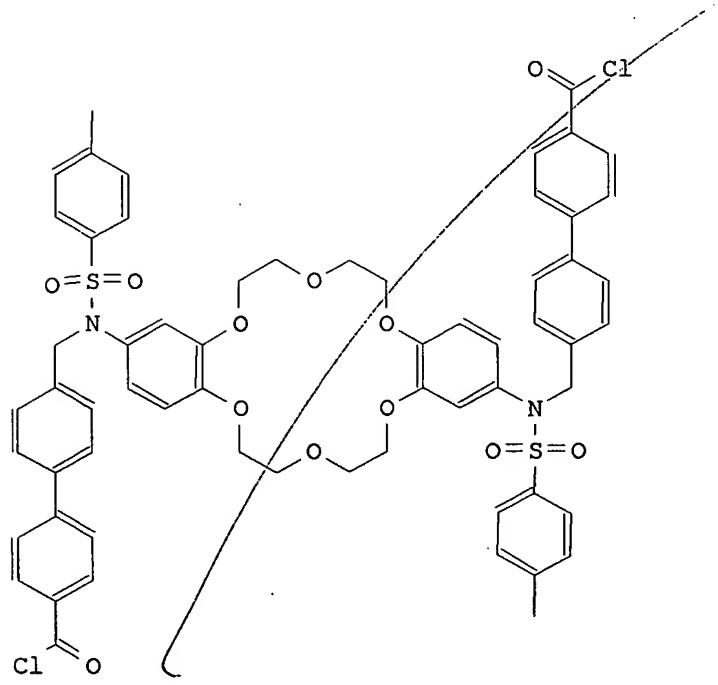
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	1
RXREA	Substance is Reaction Reactant	1

L26 ANSWER 36 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3587068
Beilstein Pref. RN (BPR):	106509-02-8
CAS Reg. No. (RN):	**106509-02-8**
Molec. Formula (MF):	C62 H56 Cl2 N2 O12 S2
Molecular Weight (MW):	1156.16
Lawson Number (LN):	24054, 16107, 13813
Compound Type (CTYPE):	heterocyclic
Constitution ID (CONSID):	3211593
Tautomer ID (TAUTID):	3450474
Beilstein Citation (BSO):	6-19
Entry Date (DED):	1991/10/23
Update Date (DUPD):	1993/02/15



Field Availability:

Code	Name	Occurrence

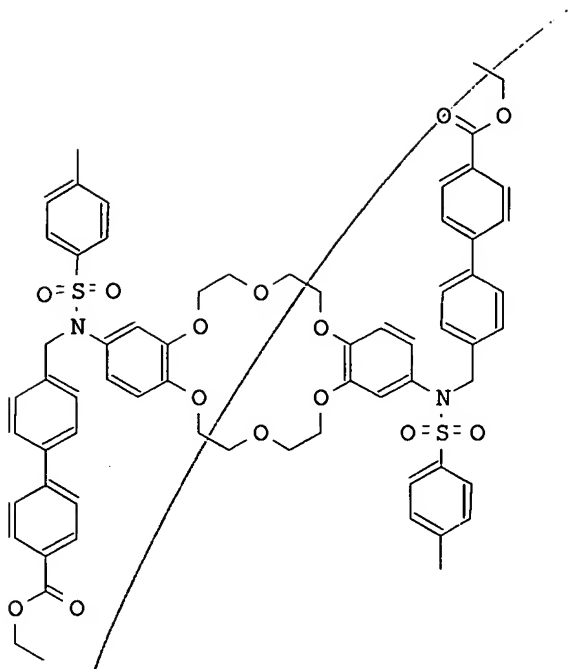
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
CDER	Chemical Derivative	1
IR	Infrared Spectrum	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	3
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	2

L26 ANSWER 37 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3586280
Beilstein Pref. RN (BPR):	106509-00-6
CAS Reg. No. (RN):	**106509-00-6**
Molec. Formula (MF):	C66 H66 N2 O14 S2
Molecular Weight (MW):	1175.37
Lawson Number (LN):	24054, 16107, 13813, 298
Compound Type (CTYPE):	heterocyclic
Constitution ID (CONSID):	3211694
Tautomer ID (TAUTID):	3450499
Beilstein Citation (BSO):	6-19
Entry Date (DED):	1991/10/23
Update Date (DUPD):	1993/02/15



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
IR	Infrared Spectrum	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	2

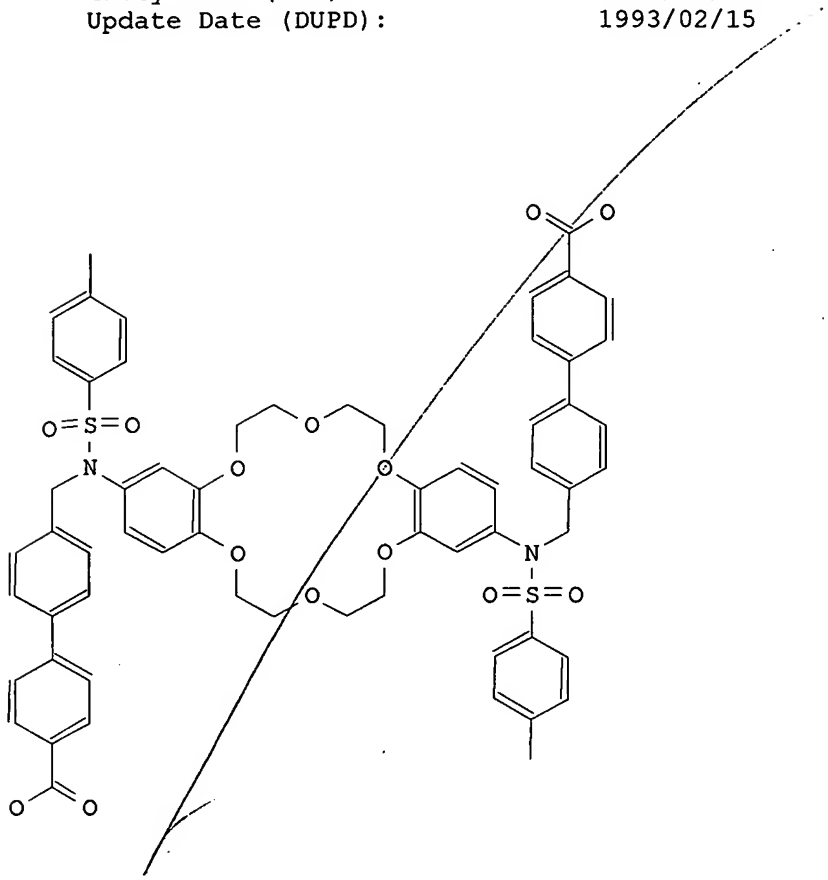
This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 38 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3586148
Beilstein Pref. RN (BPR):	106509-01-7
CAS Reg. No. (RN):	**106509-01-7**
Molec. Formula (MF):	C62 H58 N2 O14 S2
Molecular Weight (MW):	1119.27
Lawson Number (LN):	24054, 16107, 13813
Compound Type (CTYPE):	heterocyclic

Constitution ID (CONSID): 3211629
Tautomer ID (TAUTID): 3450479
Beilstein Citation (BSO): 6-19
Entry Date (DED): 1991/10/23
Update Date (DUPD): 1993/02/15



Field Availability:

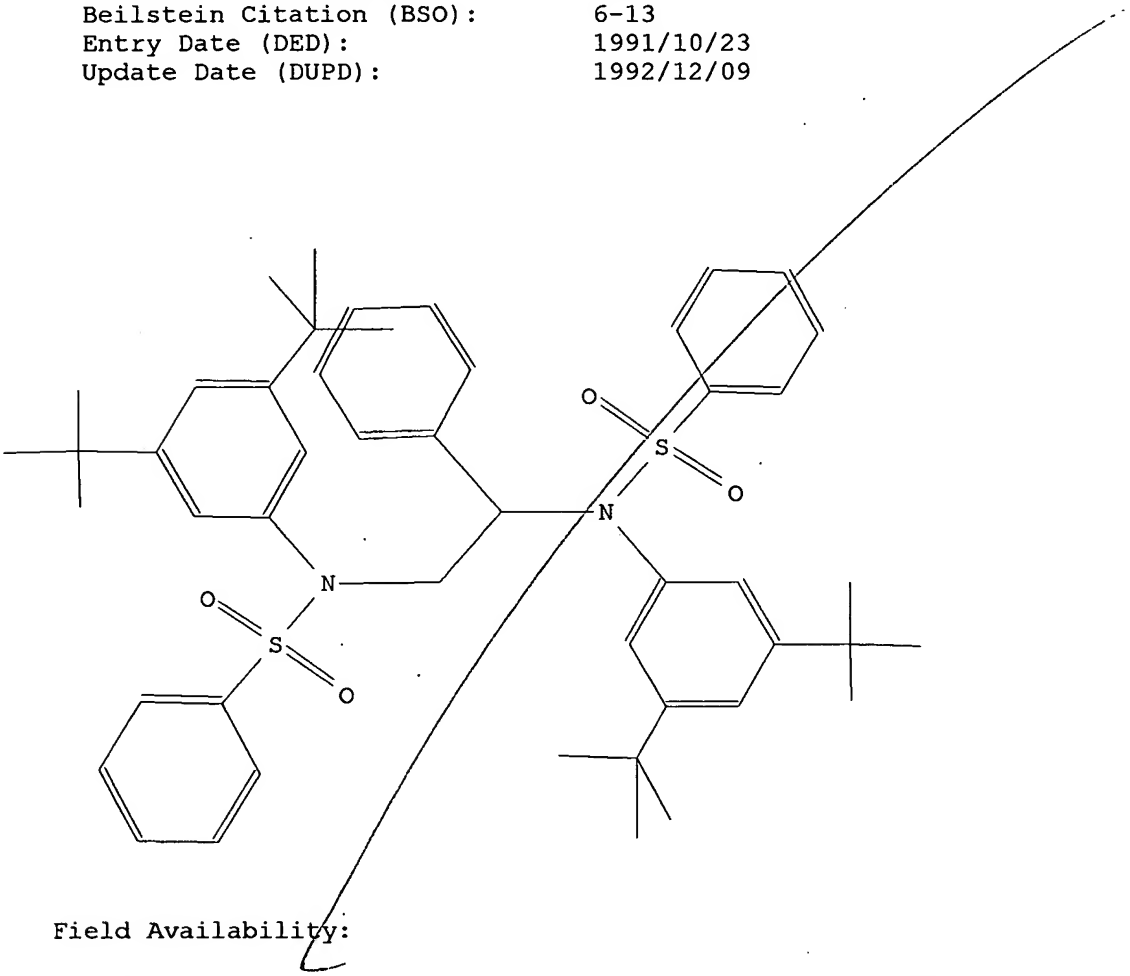
Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
IR	Infrared Spectrum	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	2

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	3
RXREA	Substance is Reaction Reactant	2
RXPRO	Substance is Reaction Product	1

L26 ANSWER 39 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3583208
Beilstein Pref. RN (BPR):	127901-22-8
CAS Reg. No. (RN):	**127901-22-8**
Chemical Name (CN):	N,N'-Bis(3,5-di-t-butylphenyl)-N,N'-bis(phenylsulfonyl)-1-phenylethylenediamine
Molec. Formula (MF):	C48 H60 N2 O4 S2
Molecular Weight (MW):	793.13
Lawson Number (LN):	14526, 14193, 13803
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	3205333
Tautomer ID (TAUTID):	3414105
Beilstein Citation (BSO):	6-13
Entry Date (DED):	1991/10/23
Update Date (DUPD):	1992/12/09



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1

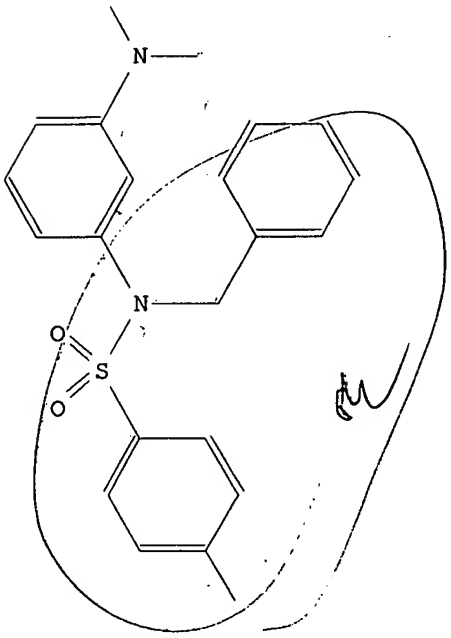
DUPD	Update Date	1
IR	Infrared Spectrum	1
MP	Melting Point	1
NMR	Nuclear Magnetic Resonance	2

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 40 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3462793
Beilstein Pref. RN (BPR):	114210-96-7
CAS Reg. No. (RN):	**114210-96-7**
Chemical Name (CN):	toluene-4-sulfonic acid-(N-benzyl-3-dimethylamino-anilide)
Autonom Name (AUN):	N-benzyl-N-(3-dimethylamino-phenyl)-4-methyl-benzenesulfonamide
Molec. Formula (MF):	C22 H24 N2 O2 S
Molecular Weight (MW):	380.50
Lawson Number (LN):	14508, 14140, 13813, 2817
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	3068225
Tautomer ID (TAUTID):	3316645
Beilstein Citation (BSO):	3-13-00-00096
Entry Date (DED):	1990/02/15
Update Date (DUPD):	1992/06/02



check

Field Availability:

Code	Name	Occurrence

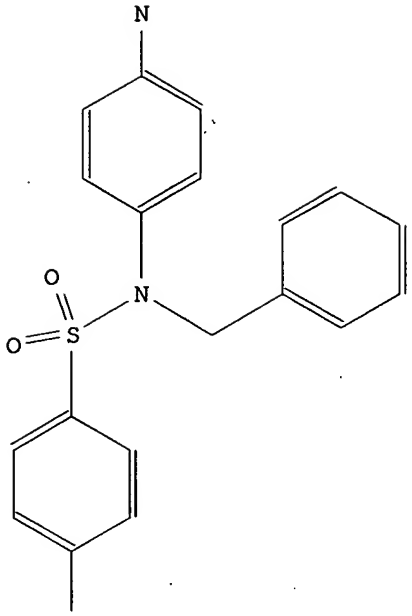
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 41 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3433338
Beilstein Pref. RN (BPR):	68957-37-9
CAS Reg. No. (RN):	**68957-37-9**
Chemical Name (CN):	toluene-4-sulfonic acid-(4-amino-N-benzyl-anilide), 4'-amino-N-benzyltoluene-4-sulfonanilide
Autonom Name (AUN):	N-(4-amino-phenyl)-N-benzyl-4-methyl-benzenesulfonamide
Molec. Formula (MF):	C20 H20 N2 O2 S
Molecular Weight (MW):	352.45
Lawson Number (LN):	14508, 14140, 13813
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	3072148/
Tautomer ID (TAUTID):	3340270
Beilstein Citation (BSO):	3-13-00-00264
Entry Date (DED):	1990/02/15
Update Date (DUPD):	1993/03/22



check

Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	2
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1
XREF	Crossfile Reference	1

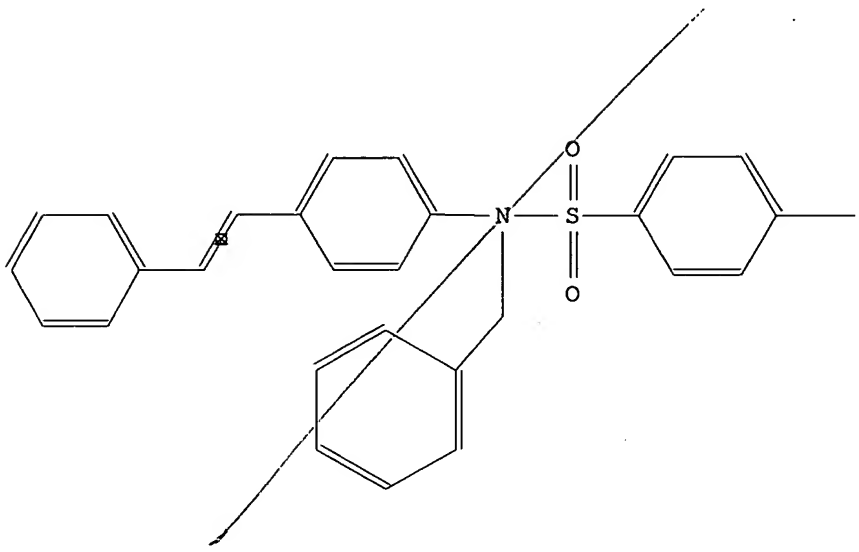
This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 42 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3173018
Beilstein Pref. RN (BPR):	103098-08-4
CAS Reg. No. (RN):	**103098-08-4**
Chemical Name (CN):	N-benzyl-N-trans-stilben-4-yl-toluene-4-sulfonamide

Autonom Name (AUN):	N-benzyl-4-methyl-N-(4-styryl-phenyl)-benzenesulfonamide
Molec. Formula (MF):	C28 H25 N O2 S
Molecular Weight (MW):	439.57
Lawson Number (LN):	14337, 14140, 13813
File Segment (FS):	Stereo compound
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	2849654
Tautomer ID (TAUTID):	3050378
Beilstein Citation (BSO):	4-12-00-03403
Entry Date (DED):	1990/02/15
Update Date (DUPD):	1990/02/15



Field Availability:

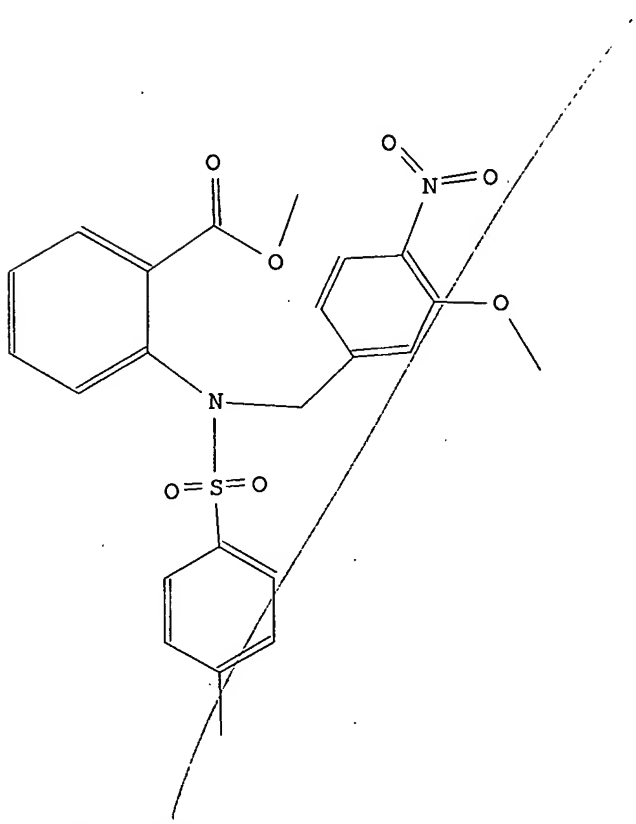
Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
FS	File Segment	1
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 43 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3115085
Beilstein Pref. RN (BPR):	23145-66-6
CAS Reg. No. (RN):	**23145-66-6**
Chemical Name (CN):	N-(4-Nitro-3-methoxy-benzyl)-N-p-toluolsulfonyl-anthranilsaeuremethylester
Autonom Name (AUN):	2-<(3-methoxy-4-nitro-benzyl)-(toluene-4-sulfonyl)-amino>-benzoic acid methyl ester
Molec. Formula (MF):	C23 H22 N2 O7 S
Molecular Weight (MW):	470.50
Lawson Number (LN):	16038, 14902, 13813, 289
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	2863546
Tautomer ID (TAUTID):	3072658
Beilstein Citation (BSO):	5-14
Entry Date (DED):	1989/07/11
Update Date (DUPD):	1995/11/08



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1

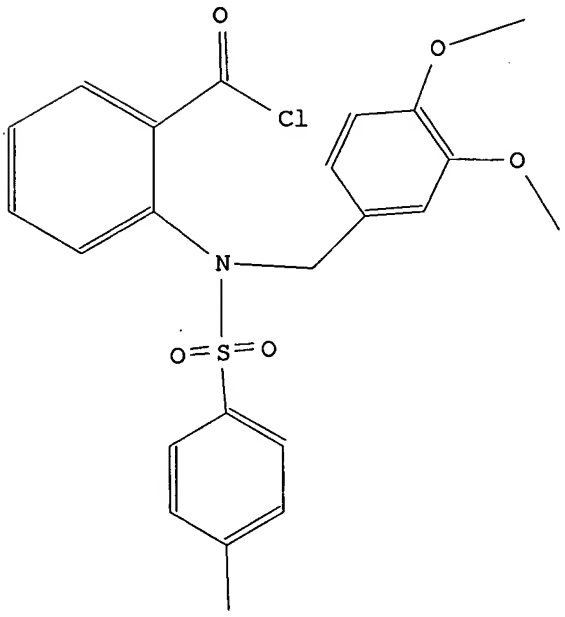
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	3
RXREA	Substance is Reaction Reactant	2
RXPRO	Substance is Reaction Product	1

L26 ANSWER 44 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3113285
Beilstein Pref. RN (BPR):	23145-63-3
CAS Reg. No. (RN):	**23145-63-3**
Chemical Name (CN):	N-(3,4-Dimethoxy-benzyl)-N-p-toluolsulfonyl-anthranilsaeurechlorid
Autonom Name (AUN):	2-<(3,4-dimethoxy-benzyl)-(toluene-4-sulfonyl)-amino>-benzoyl chloride
Molec. Formula (MF):	C23 H22 Cl N O5 S
Molecular Weight (MW):	459.94
Lawson Number (LN):	16038, 15182, 13813, 289
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	2857531
Tautomer ID (TAUTID):	3051034
Beilstein Citation (BSO):	5-14
Entry Date (DED):	1989/07/11
Update Date (DUPD):	1995/11/08



Field Availability:

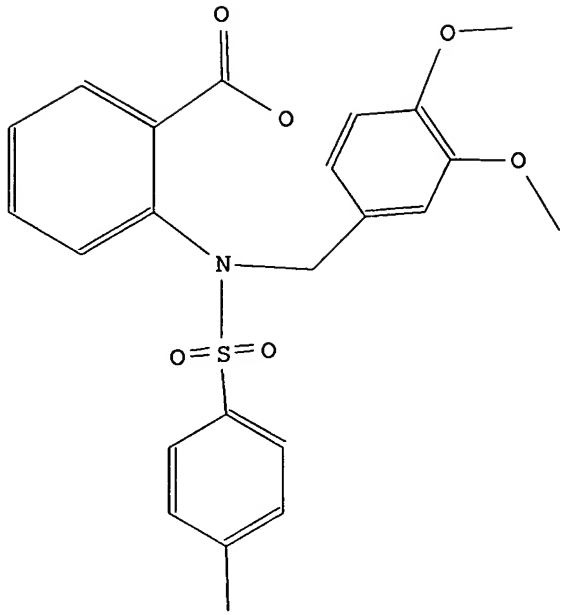
Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 45 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3113284
Beilstein Pref. RN (BPR):	23145-62-2
CAS Reg. No. (RN):	**23145-62-2**
Chemical Name (CN):	N-(3,4-Dimethoxy-benzyl)-N-p-toluolsulfonyl-anthranilsaeure
Autonom Name (AUN):	2-<(3,4-dimethoxy-benzyl)-(toluene-4-sulfonyl)-amino>-benzoic acid
Molec. Formula (MF):	C23 H23 N O6 S
Molecular Weight (MW):	441.50
Lawson Number (LN):	16038, 15182, 13813, 289
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	2861082
Tautomer ID (TAUTID):	3062171
Beilstein Citation (BSO):	5-14
Entry Date (DED):	1989/07/11
Update Date (DUPD):	1995/11/08



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
IR	Infrared Spectrum	1
MP	Melting Point	1

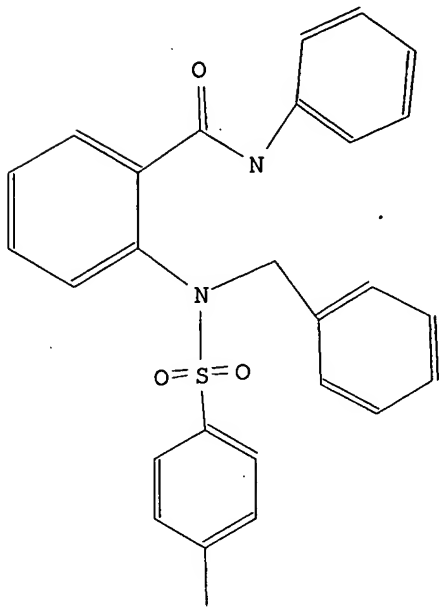
This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	4
RXREA	Substance is Reaction Reactant	3
RXPRO	Substance is Reaction Product	1

L26 ANSWER 46 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3113275
Beilstein Pref. RN (BPR):	23145-40-6
CAS Reg. No. (RN):	**23145-40-6**
Chemical Name (CN):	N-Benzyl-N-p-toluolsulfonyl-anthranilsaeureanilid

Autonom Name (AUN):	2-<benzyl-(toluene-4-sulfonyl)-amino>-N-phenyl-benzamide
Molec. Formula (MF):	C27 H24 N2 O3 S
Molecular Weight (MW):	456.56
Lawson Number (LN):	16038, 14140, 14131, 13813
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	2858401
Tautomer ID (TAUTID):	3066151
Beilstein Citation (BSO):	5-14
Entry Date (DED):	1989/07/11
Update Date (DUPD):	1995/11/08

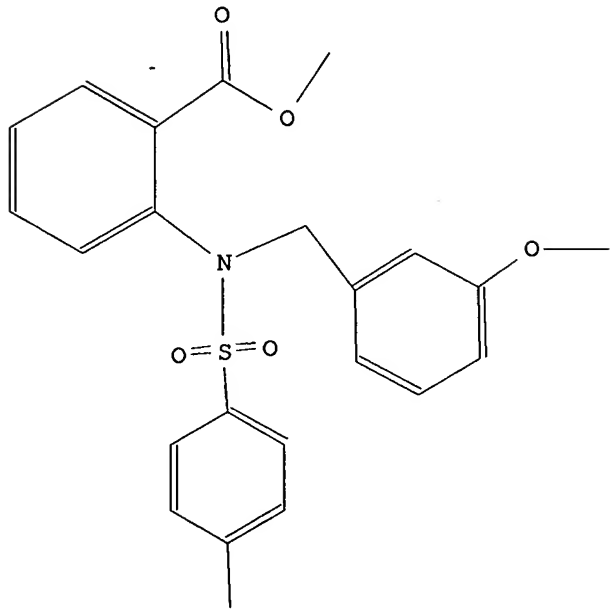


Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1

L26 ANSWER 47 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3111964
Beilstein Pref. RN (BPR):	23145-76-8
CAS Reg. No. (RN):	**23145-76-8**
Chemical Name (CN):	N-(3-Methoxy-benzyl)-N-p-toluolsulfonyl-anthranilsaeuremethylester
Autonom Name (AUN):	2-<(3-methoxy-benzyl)-(toluene-4-sulfonyl)-amino>-benzoic acid methyl ester
Molec. Formula (MF):	C23 H23 N O5 S
Molecular Weight (MW):	425.50
Lawson Number (LN):	16038, 14901, 13813, 289
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	2853099
Tautomer ID (TAUTID):	3047967
Beilstein Citation (BSO):	5-14
Entry Date (DED):	1989/07/11
Update Date (DUPD):	1995/11/08



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1

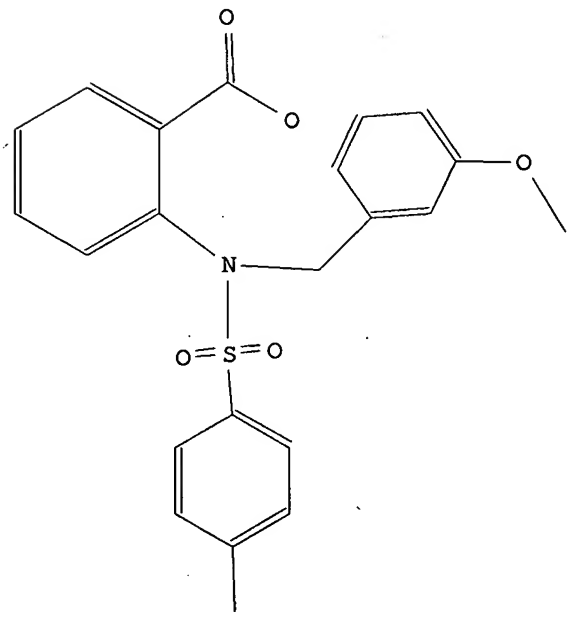
DUPD	Update Date	1
IR	Infrared Spectrum	1
MP	Melting Point	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 48 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3111729
Beilstein Pref. RN (BPR):	23145-77-9
CAS Reg. No. (RN):	**23145-77-9**
Chemical Name (CN):	N-(3-Methoxy-benzyl)-N-p-toluolsulfonyl-anthranilsaeure
Autonom Name (AUN):	2-<(3-methoxy-benzyl)-(toluene-4-sulfonyl)-amino>-benzoic acid
Molec. Formula (MF):	C22 H21 N O5 S
Molecular Weight (MW):	411.47
Lawson Number (LN):	16038, 14901, 13813, 289
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	2851627
Tautomer ID (TAUTID):	3058624
Beilstein Citation (BSO):	5-14
Entry Date (DED):	1989/07/11
Update Date (DUPD):	1995/11/08



Field Availability:

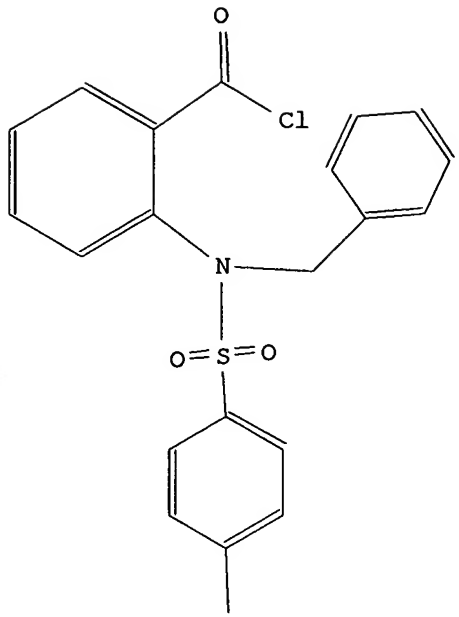
Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
IR	Infrared Spectrum	1
MP	Melting Point	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 49 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN): 3109502
Beilstein Pref. RN (BPR): 23145-73-5
CAS Reg. No. (RN): **23145-73-5**
Chemical Name (CN): N-Benzyl-N-p-toluolsulfonyl-anthranilsaeurechlorid
Autonom Name (AUN): 2-<benzyl-(toluene-4-sulfonyl)-amino>-benzoyl chloride
Molec. Formula (MF): C21 H18 Cl N O3 S
Molecular Weight (MW): 399.89
Lawson Number (LN): 16038, 14140, 13813
Compound Type (CTYPE): isocyclic
Constitution ID (CONSID): 2846951
Tautomer ID (TAUTID): 3040782
Beilstein Citation (BSO): 5-14
Entry Date (DED): 1989/07/11
Update Date (DUPD): 1995/11/08



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1

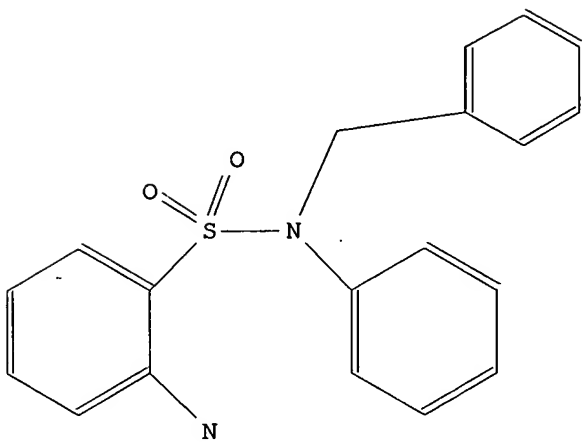
This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 50 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3104930
Beilstein Pref. RN (BPR):	23773-74-2
CAS Reg. No. (RN):	**23773-74-2**
Chemical Name (CN):	2-Amino-benzolsulfon-N-benzyl-anilid
Autonom Name (AUN):	2-amino-N-benzyl-N-phenyl-benzenesulfonamide
Molec. Formula (MF):	C19 H18 N2 O2 S

Molecular Weight (MW): 338.42
Lawson Number (LN): 16308, 14140, 14131
Compound Type (CTYPE): isocyclic
Constitution ID (CONSID): 2833022
Tautomer ID (TAUTID): 3031143
Beilstein Citation (BSO): 5-14
Entry Date (DED): 1989/07/11
Update Date (DUPD): 1992/06/02



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1

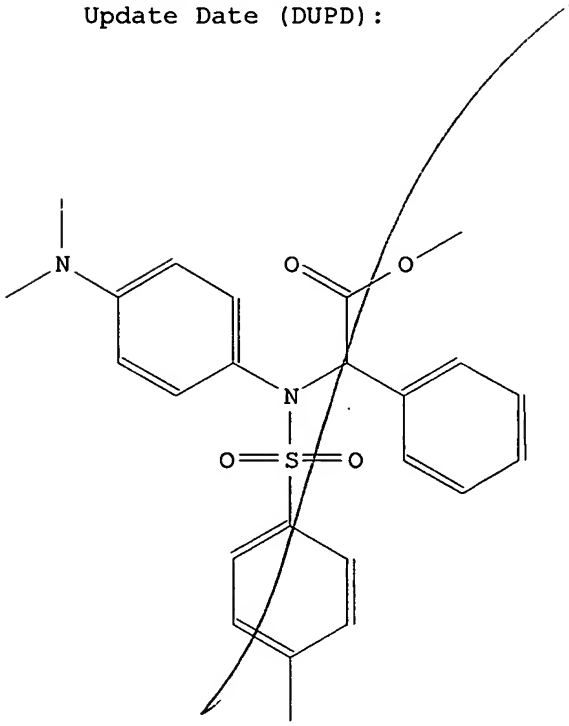
This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 51 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN): 3075540
Beilstein Pref. RN (BPR): 53119-87-2

CAS Reg. No. (RN):	**53119-87-2**
Chemical Name (CN):	<(4-dimethylamino-phenyl)-(toluene-4-sulfonyl)-amino>-phenyl-acetic acid methyl ester
Autonom Name (AUN):	<(4-dimethylamino-phenyl)-(toluene-4-sulfonyl)-amino>-phenyl-acetic acid methyl ester
Molec. Formula (MF):	C24 H26 N2 O4 S
Molecular Weight (MW):	438.54
Lawson Number (LN):	16047, 14508, 13813, 2817, 289
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	2774755
Tautomer ID (TAUTID):	2973673
Beilstein Citation (BSO):	5-14
Entry Date (DED):	1989/07/11
Update Date (DUPD):	1994/12/21



Field Availability:

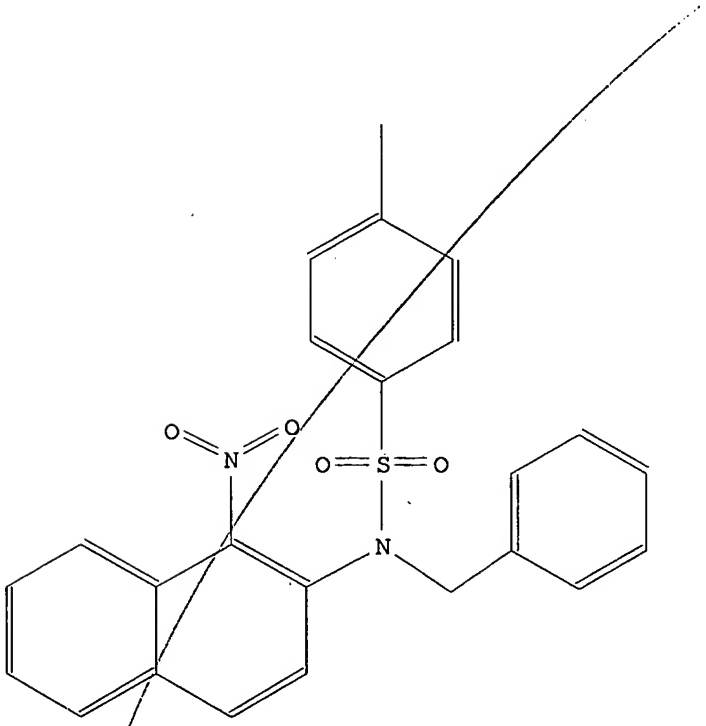
Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	5
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 52 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3075232
Beilstein Pref. RN (BPR):	22019-63-2
CAS Reg. No. (RN):	**22019-63-2**
Chemical Name (CN):	1-Nitro-2-(N-benzyl-p-toluolsulfamino)-naphthalin
Autonom Name (AUN):	N-benzyl-4-methyl-N-(1-nitro-naphthalen-2-yl)-benzenesulfonamide
Molec. Formula (MF):	C24 H20 N2 O4 S
Molecular Weight (MW):	432.49
Lawson Number (LN):	14278, 14140, 13813
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	2779976
Tautomer ID (TAUTID):	2962732
Beilstein Citation (BSO):	5-12
Entry Date (DED):	1989/07/11
Update Date (DUPD):	1992/06/02



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1

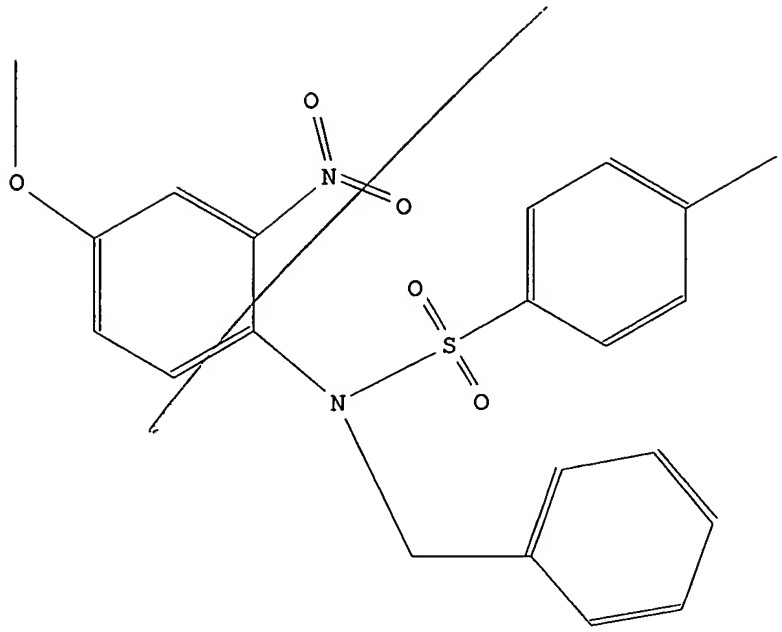
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
FS	File Segment	1
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 53 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3074681
Beilstein Pref. RN (BPR):	22019-61-0
CAS Reg. No. (RN):	**22019-61-0**
Chemical Name (CN):	3-Nitro-4-(N-benzyl-p-toluolsulfonamino)-methoxybenzol
Autonom Name (AUN):	N-benzyl-N-(4-methoxy-2-nitro-phenyl)-4-methyl-benzenesulfonamide
Molec. Formula (MF):	C21 H20 N2 O5 S
Molecular Weight (MW):	412.46
Lawson Number (LN):	14893, 14140, 13813, 289
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	2775223
Tautomer ID (TAUTID):	2959512
Beilstein Citation (BSO):	5-13
Entry Date (DED):	1989/07/11
Update Date (DUPD):	1992/06/02



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1

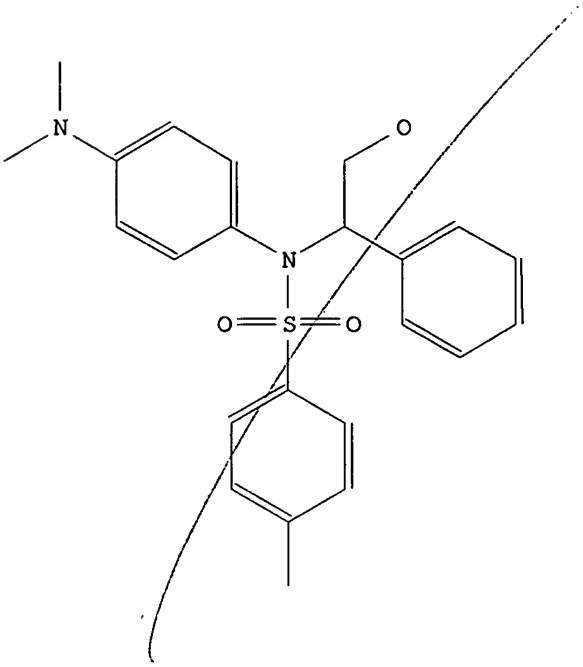
This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 54 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3074029
Beilstein Pref. RN (BPR):	53119-89-4
CAS Reg. No. (RN):	**53119-89-4**
Chemical Name (CN):	N-(4-dimethylamino-phenyl)-N-(2-hydroxy-1-phenyl-ethyl)-4-methyl-benzenesulfonamide
Autonom Name (AUN):	N-(4-dimethylamino-phenyl)-N-(2-hydroxy-1-phenyl-ethyl)-4-methyl-benzenesulfonamide
Molec. Formula (MF):	C23 H26 N2 O3 S

Molecular Weight (MW):	410.53
Lawson Number (LN):	14910, 14508, 13813, 2817
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	2774812
Tautomer ID (TAUTID):	2960363
Beilstein Citation (BSO):	5-13
Entry Date (DED):	1989/07/11
Update Date (DUPD):	1994/12/21



Field Availability:

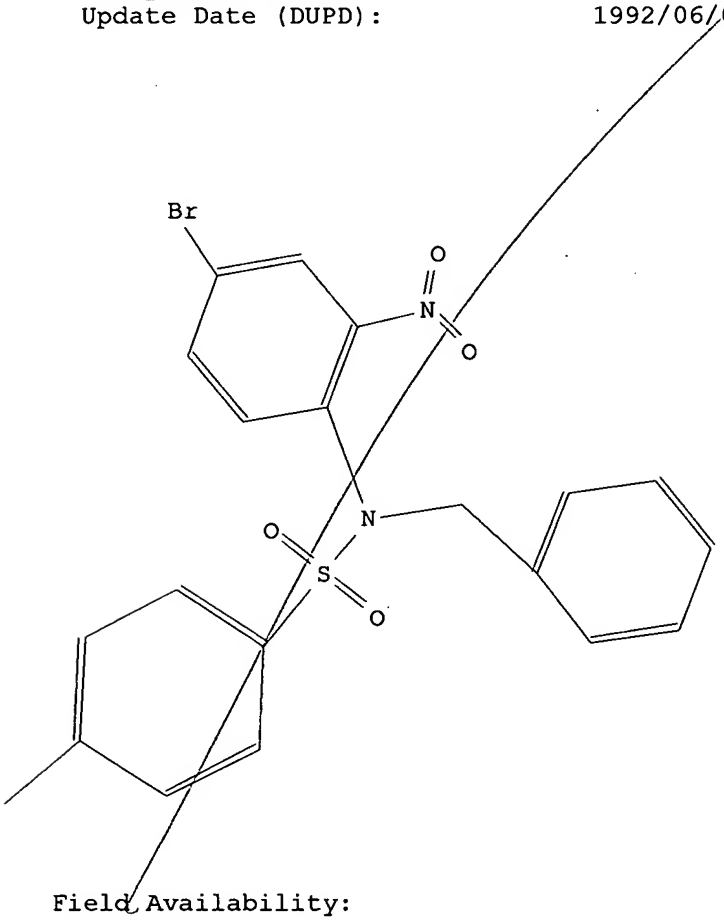
Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	4
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 55 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3073847
Beilstein Pref. RN (BPR):	22019-62-1
CAS Reg. No. (RN):	**22019-62-1**
Chemical Name (CN):	3-Nitro-4-(N-benzyl-p-toluolsulfamino)-brombenzol
Autonom Name (AUN):	N-benzyl-N-(4-bromo-2-nitro-phenyl)-4-methyl-benzenesulfonamide
Molec. Formula (MF):	C20 H17 Br N2 O4 S
Molecular Weight (MW):	461.33
Lawson Number (LN):	14140, 14133, 13813
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	2774559
Tautomer ID (TAUTID):	2959391
Beilstein Citation (BSO):	5-12
Entry Date (DED):	1989/07/11
Update Date (DUPD):	1992/06/02



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
FS	File Segment	1
CTYPE	Compound Type	1
CONSID	Constitution ID	1

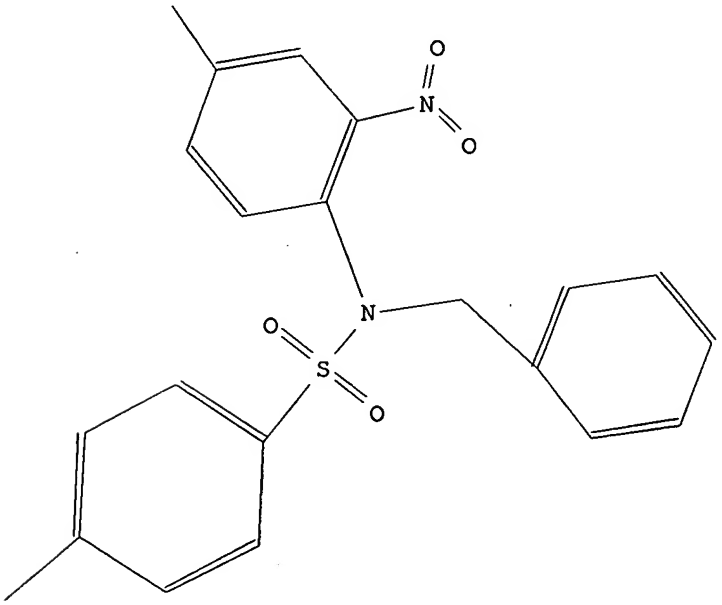
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 56 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3073005
Beilstein Pref. RN (BPR):	22019-60-9
CAS Reg. No. (RN):	**22019-60-9**
Chemical Name (CN):	3-Nitro-4-(N-benzyl-p-toluolsulfamino)-toluol
Autonom Name (AUN):	N-benzyl-4-methyl-N-(4-methyl-2-nitro-phenyl)-benzenesulfonamide
Molec. Formula (MF):	C21 H20 N2 O4 S
Molecular Weight (MW):	396.46
Lawson Number (LN):	14142, 14140, 13813
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	2771946
Tautomer ID (TAUTID):	2957822
Beilstein Citation (BSO):	5-12
Entry Date (DED):	1989/07/11
Update Date (DUPD):	1992/06/02



Field Availability:

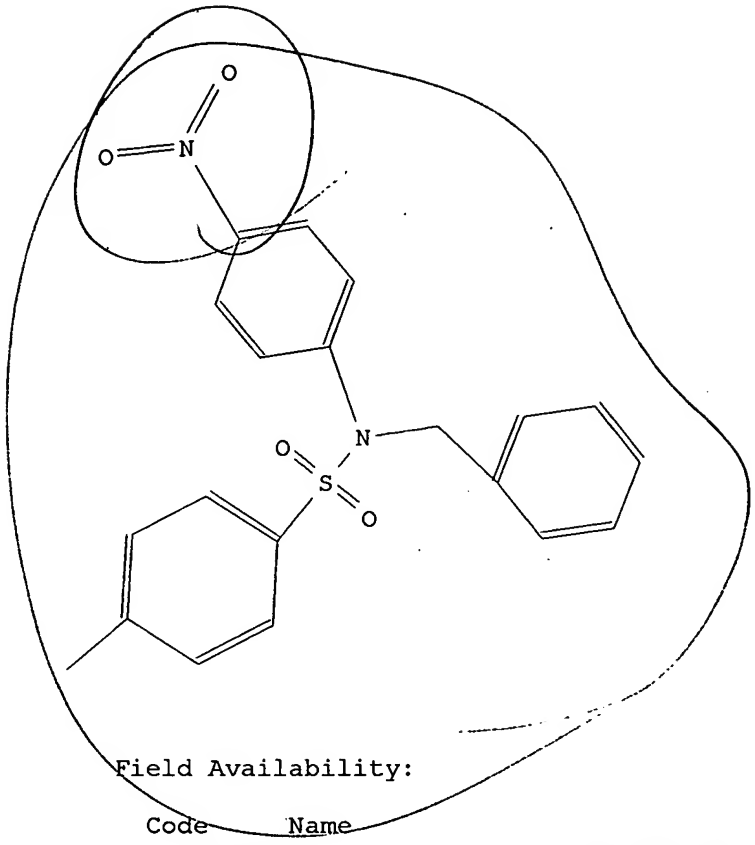
Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	2
RXREA	Substance is Reaction Reactant	1
RXPRO	Substance is Reaction Product	1

L26 ANSWER 57 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN):	3072437
Beilstein Pref. RN (BPR):	22019-64-3
CAS Reg. No. (RN):	**22019-64-3**
Chemical Name (CN):	toluene-4-sulfonic acid-(N-benzyl-4-nitro-anilide), N-benzyl-4'-nitrotoluene-p-sulfonanilide
Autonom Name (AUN):	N-benzyl-4-methyl-N-(4-nitro-phenyl)-benzenesulfonamide
Molec. Formula (MF):	C20 H18 N2 O4 S
Molecular Weight (MW):	382.43
Lawson Number (LN):	14140, 14132, 13813
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	2766905
Tautomer ID (TAUTID):	2955669
Beilstein Citation (BSO):	3-12-00-02332, 5-12
Entry Date (DED):	1989/07/11
Update Date (DUPD):	1993/03/22



check reads on nitro?

Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	2
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	2
DED	Entry Date	1
DUPD	Update Date	1
CPD	Crystal Property Description	1
MP	Melting Point	2
XREF	Crossfile Reference	1

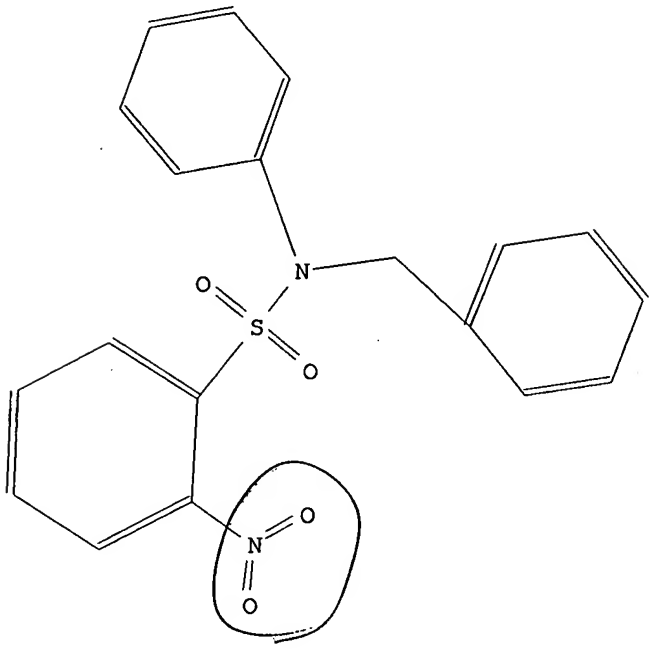
This substance also occurs in Reaction Documents:

Code	Name	Occurrence
RX	Reaction Documents	4
RXREA	Substance is Reaction Reactant	2
RXPRO	Substance is Reaction Product	2

L26 ANSWER 58 OF 96 BEILSTEIN COPYRIGHT 2005 BEILSTEIN MDL on STN

Beilstein Records (BRN): 3070870
Beilstein Pref. RN (BPR): 23773-72-0
CAS Reg. No. (RN): **23773-72-0**
Chemical Name (CN): 2-Nitro-benzolsulfonsaeure-N-benzylanilid

Autonom Name (AUN):	N-benzyl-2-nitro-N-phenyl-benzenesulfonamide
Molec. Formula (MF):	C19 H16 N2 O4 S
Molecular Weight (MW):	368.41
Lawson Number (LN):	14140, 14131, 13804
Compound Type (CTYPE):	isocyclic
Constitution ID (CONSID):	2761521
Tautomer ID (TAUTID):	2910018
Beilstein Citation (BSO):	5-12
Entry Date (DED):	1989/07/11
Update Date (DUPD):	1992/06/02



check — possibly reads on nitro

Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	3
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
DED	Entry Date	1
DUPD	Update Date	1
MP	Melting Point	1

This substance also occurs in Reaction Documents:

```
=> fil caold
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                      1055.80    1905.26

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)              SINCE FILE      TOTAL
                                                           ENTRY    SESSION
CA SUBSCRIBER PRICE                                         0.00      -0.73

FILE 'CAOLD' ENTERED AT 10:36:11 ON 18 MAR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1907-1966
FILE LAST UPDATED:  01 May 1997 (19970501/UP)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.  Title keywords, authors, patent
  assignees, and patent information, e.g., patent numbers, are
  now searchable from 1907-1966.  TIFF images of CA abstracts
  printed between 1907-1966 are available in the PAGE
  display formats.

  This file supports REG1stRY for direct browsing and searching of
  all substance data from the REGISTRY file.  Enter HELP FIRST for
  more information.

=> s L24
L27          31 L24

=> d L27 1-10

L27  ANSWER 1 OF 31  CAOLD  COPYRIGHT 2005 ACS on STN
AN   CA65:7183g  CAOLD
TI   benzimidazoles
PA   Schering A.-G.
DT   Patent
     PATENT NO.     KIND          DATE
     ------------   -----------   ----
PI   BE 667333
     FR 1440565
     NL 6509573
IT    156-41-2    322-78-1    717-57-7   5807-09-0   5822-13-9   7187-06-6
     7187-07-7   7187-08-8   7187-09-9   7187-10-2   7187-12-4   7187-13-5
     7187-14-6   7187-15-7   7187-16-8   7187-17-9   7187-18-0   7187-19-1
     7187-20-4   7187-21-5   7187-22-6   7187-23-7   7187-24-8   7187-25-9
     7187-26-0   7187-27-1   7187-28-2   7187-29-3   7187-30-6   7187-31-7
     7187-35-1   7188-75-2   7188-76-3   7188-77-4   7188-78-5   7188-79-6
     7188-80-9   7188-81-0   7189-09-5   7189-10-8   7189-11-9   7189-12-0
     7189-13-1   7189-14-2   7189-15-3   7189-16-4   7189-17-5   7189-18-6
     7189-19-7   7189-20-0   7189-21-1   7189-22-2   7189-23-3   7189-24-4
     7189-25-5   7189-26-6   7189-27-7   7189-29-9   7189-30-2   7189-31-3
     7191-64-2   7191-65-3   7191-66-4   7191-67-5   7191-68-6   7191-69-7
     7191-70-0   7191-71-1   7191-72-2   7191-73-3   7191-74-4   7191-75-5
     7191-76-6   7191-77-7   7191-78-8   7191-79-9   7191-80-2   7191-81-3
     7191-82-4   7191-83-5   7191-86-8   7191-87-9   7191-88-0   7191-89-1
     7191-90-4   7191-91-5   7191-92-6   7191-93-7   7191-94-8   7191-95-9
     7191-96-0   7191-97-1   7191-98-2   7191-99-3   7192-00-9   7192-01-0
     7192-02-1   7192-03-2   7192-04-3   7192-05-4   7192-06-5   7192-07-6
     7192-08-7   7192-09-8   7192-10-1   7192-11-2   7192-12-3   7192-13-4
     7196-48-7   7196-74-9   7196-75-0   7196-76-1   7197-03-7   7197-04-8
     7197-05-9   7197-06-0   7197-07-1   7229-53-0   7230-13-9   7237-94-7
```

7237-95-8 7288-53-1 7288-54-2 7288-55-3 **7288-56-4**
7288-57-5 7313-27-1 13144-78-0 13242-42-7 98691-90-8 99872-20-5
100356-53-4

L27 ANSWER 2 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
AN CA64:19498a CAOLD
TI 2-(N-substituted amino)halobenzophenones
AU Reeder, Earl; Sternbach, L. H.
DT Patent

PATENT NO.	KIND	DATE
US 3239564		1966

IT 439-14-5 723-99-9 728-09-6 747-99-9 784-38-3 784-39-4
784-40-7 805-61-8 806-68-8 837-58-1 909-51-3 1022-13-5
1479-58-9 1548-36-3 1581-13-1 2848-94-4 2894-45-3 2894-46-4
2894-47-5 2894-51-1 2894-52-2 2955-31-9 2955-32-0 2994-61-8
3022-68-2 3109-35-1 4076-50-0 4142-76-1 4142-77-2 4873-37-4
4873-58-9 4873-59-0 4937-64-8 4958-55-8 5054-32-0 5445-77-2
5543-95-3 5571-61-9 5621-60-3 5621-62-5 5621-63-6
5621-65-8 5621-66-9 5621-81-8 5621-82-9 5621-83-0 5621-84-1
5621-85-2 5621-86-3 5627-62-3 5627-71-4 5627-72-5 5627-73-6
5627-74-7 5627-75-8 5627-77-0 5627-78-1 5627-79-2 5627-82-7
5627-86-1 5627-87-2 5627-91-8 5627-92-9 5649-38-7 5649-39-8
5992-75-6 6021-21-2 6021-35-8 6021-36-9 6056-28-6 7374-99-4
17977-91-2 21723-84-2

L27 ANSWER 3 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
AN CA64:8071a CAOLD
TI synthesis and oxidation of 4-sec-amyltoluene
AU Zavgorodnii, S. V.; Kogutova, O. B.
IT 4198-95-2 4831-18-9 4831-19-0 4831-20-3 4831-21-4 4831-22-5
4831-23-6 **4831-25-8** 4912-94-1 4944-66-5 4944-67-6
4944-68-7 5004-93-3 13633-04-0 93539-92-5

L27 ANSWER 4 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
AN CA64:3681g CAOLD
TI H transfer - (XIII) reductive cleavage of acid amides and esters with tetramethyl NH4-benzoyl and tosyl as protective groups during the peptide synthesis
AU Horner, Leopold; Neumann, H.
IT 68-34-8 80-30-8 519-87-9 582-78-5 599-86-0 640-60-8
776-75-0 837-18-3 953-91-3 1024-41-5 1143-01-7 1485-70-7
1576-37-0 1759-68-8 1907-65-9 3695-02-1 4051-56-3 4476-12-4
4703-15-5 4703-16-6 4703-17-7 4703-19-9 **4703-20-2**
4703-22-4 4703-29-1 4703-30-4 4703-31-5 4703-32-6 4703-34-8
4703-35-9 4773-75-5 4780-12-5 4809-56-7 4809-57-8 6840-29-5
61479-56-9 91738-87-3

L27 ANSWER 5 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
AN CA64:3425g CAOLD
TI 2-methyl (and benzyl)amino-5-chlorobenzophenones
AU Reeder, Earl; Sternbach, L. H.
DT Patent
TI 2-methyl(and benzyl)amino-5-chlorobenzophenones
PA Hoffmann-La Roche, F., & Co. A.-G.
DT Patent

PATENT NO.	KIND	DATE
GB 972975		

IT 1022-13-5 1843-10-3 1843-11-4 4873-37-4 4873-58-9 4873-59-0
4890-54-4 5543-91-9 5543-92-0 5543-93-1 5543-94-2
5543-95-3

L27 ANSWER 6 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
AN CA62:13151b CAOLD
TI properties of cobalamins and S-containing ligands
AU Dolphin, David; Johnson, A. W.
IT 98-59-9 **1051-92-9** **3984-63-2** 13422-55-4
13422-56-5 14220-93-0 14517-61-4 14915-81-2 14915-82-3 15379-99-4
15671-27-9 19600-22-7 23208-66-4

L27 ANSWER 7 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
AN CA62:13150g CAOLD
TI phenanthridines - (IV) Pschorr reactions with sulfonamides derived from Nα-phenyltoluene-α,2-diamine and formation of 6-phenyl-7H-dibenzo[d,f][1,2]thiazepine 5,5-dioxide
AU Huppatz, J. L.; Sasse, W. H. F.
IT 229-87-8 1024-38-0 1080-71-3 1096-70-4 1096-83-9
1167-46-0 1167-84-6 1604-92-8 **2087-13-0**
2316-00-9

L27 ANSWER 8 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
AN CA62:11778h CAOLD
TI phenanthridines - (III) syntheses of 9-bromophenanthridine and 7-bromophenanthridine by P schorr reactions with sulfonamides derived from N-p-bromobenzyl and N-o-bromobenzyl-o-phenylenediamines and a route to N-sulfonylcarbazoles
AU Huppatz, J. L.; Sasse, W. H. F.
IT **2169-32-6** **2169-33-7** 2169-34-8 2169-35-9
2169-37-1 **2390-24-1** 2390-25-2 2390-26-3 2390-27-4
2608-29-9 **3026-27-5** 3165-70-6 3165-71-7 3165-72-8
3165-73-9 3323-39-5

L27 ANSWER 9 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
AN CA62:11733b CAOLD
TI reaction of tropoids and quinone derivs. - (VI) structures of the reaction products of N,N'-bis(phenylsulfonyl)-p-benzoquinone diimine with phenol and tropolone
AU Nishiyama, Yukio; Ikegami, Y.; Seto, S.
IT 139-65-1 533-75-5 539-80-0 810-35-5 **811-14-3**
895-78-3 898-04-4 914-93-2 1050-82-4 1181-00-6 1182-38-3
1183-01-3 1183-36-4 1260-16-8 1465-81-2 1642-28-0
1643-40-9 1643-41-0 2034-19-7 2034-20-0 2239-06-7
2670-33-9 107039-03-2

L27 ANSWER 10 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
AN CA62:7753c CAOLD
TI reactions of HCHO with aromatic amines
AU Farrar, W. V.
IT 529-81-7 652-82-4 652-83-5 655-36-7 789-14-0 790-76-1
790-84-1 790-92-1 793-08-8 795-12-0 796-99-6 797-19-3
798-91-4 800-72-6 801-10-5 806-61-1 806-72-4 806-73-5
809-17-6 809-69-8 810-79-7 810-81-1 811-19-8 831-77-6
834-13-9 838-97-1 840-59-5 841-88-3 841-89-4 845-13-6
845-23-8 847-23-4 849-67-2 857-91-0 857-94-3 859-15-4
861-31-4 861-32-5 862-08-8 863-28-5 863-29-6 873-83-6
889-19-0 896-25-3 900-04-9 900-44-7 901-45-1 912-91-4
916-76-7 959-05-7 961-58-0 961-59-1 966-55-2
977-91-3 980-43-8 983-43-7 988-50-1 990-69-2 1020-52-6
1030-21-3 1050-14-2 1065-18-5 1091-40-3 1109-95-1 1110-84-5
1250-51-7 1263-88-3 1761-88-2 1761-89-3 1909-00-8 3763-00-6
3763-01-7 5286-57-7 5536-19-6 6818-81-1 6818-82-2 98220-88-3
98251-44-6

=> d L27 1-10 ti,au,so,gi

'SO' IS NOT A VALID FORMAT FOR FILE 'CAOLD'
'GI' IS NOT A VALID FORMAT FOR FILE 'CAOLD'

The following are valid formats:

ALL ----- AN, TI, AU, PA, DT, IT, PI (default)
BIB ----- AN, TI, AU, PA, DT, PI
CAN ----- List of CA abstract numbers, no L-number headers
CBIB ---- AN, TI, AU, PA, PI
DALL ---- ALL, delimited (end of each field identified)
IND ----- Indexing data
MAX ----- Same as ALL
SAM ----- TI, IT
SCAN ---- TI, IT (random display, no answer numbers;
SCAN must be entered on the same line as the DISPLAY,
e.g., D SCAN or DISPLAY SCAN)
STD ----- BIB

IALL ---- ALL, indented with text labels
IBIB ---- BIB, indented with text labels
ISTD ---- STD, indented with text labels

HIT ----- Fields containing hit terms
HITIND -- IT
HITRN --- HIT RN
HITSTR -- HIT RN, its CA index name and its structure diagram
FHITSTR - First HIT RN, its CA index name and its structure diagram
OCC ----- Number of occurrence of hit term and fie ld in which it occurs

Index Terms (IT) are CAS Registry Numbers; Accession
Numbers (AN) CA References.

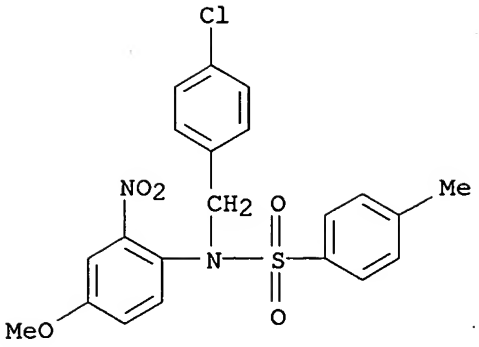
Index Terms in CAOLD include only Registry Numbers; no
subject terms are available. The same formats (except
SAMPLE) may be used with the DISPLAY ACC command to display
the record for a specified CAOLD Accession Number.

PAGE ---- Page Image of original Chemical Abstracts issue containing the
abstract of the answer.
PAGE.PREV and PAGE.NEXT will return the image of the page before or after
the current answer.
ENTER DISPLAY FORMAT (ALL):ibib fhitstr

L27 ANSWER 1 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: CA65:7183g CAOLD
TITLE: benzimidazoles
PATENT ASSIGNEE: Schering A.-G.
DOCUMENT TYPE: Patent

	PATENT NO.	KIND	DATE
PI	BE 667333		
	FR 1440565		
	NL 6509573		

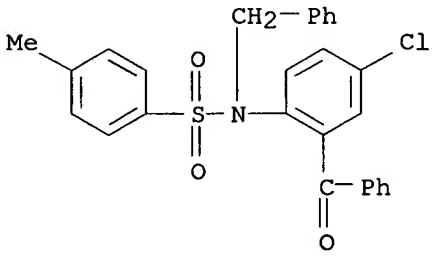
IT **7288-56-4**
RN 7288-56-4 CAOLD
CN Benzenesulfonamide, N-[(4-chlorophenyl)methyl]-N-(4-methoxy-2-nitrophenyl)-
4-methyl- (9CI) (CA INDEX NAME)



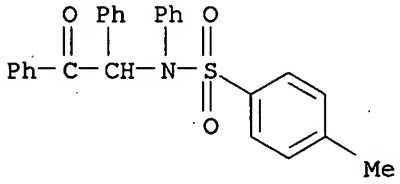
L27 ANSWER 2 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: CA64:19498a CAOLD
TITLE: 2-(N-substituted amino)halobenzophenones
AUTHOR NAME: Reeder, Earl; Sternbach, L. H.
DOCUMENT TYPE: Patent

PATENT NO.	KIND	DATE
US 3239564		1966

IT **5543-95-3**
RN 5543-95-3 CAOLD
CN p-Toluenesulfonanilide, 2'-benzoyl-N-benzyl-4'-chloro- (7CI, 8CI) (CA INDEX NAME)

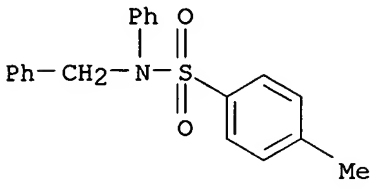


L27 ANSWER 3 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: CA64:8071a CAOLD
TITLE: synthesis and oxidation of 4-sec-amyltoluene
AUTHOR NAME: Zavgorodnii, S. V.; Kogutova, O. B.
IT **4831-25-8**
RN 4831-25-8 CAOLD
CN p-Toluenesulfonanilide, N-(α-phenylphenacyl)- (7CI, 8CI) (CA INDEX NAME)



L27 ANSWER 4 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: CA64:3681g CAOLD

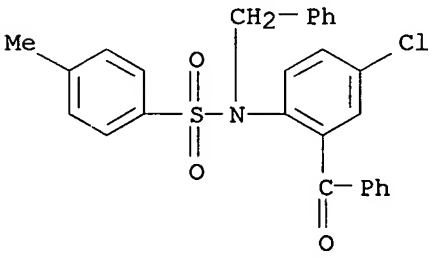
TITLE: H transfer - (XIII) reductive cleavage of acid amides and esters with tetramethyl NH4-benzoyl and tosyl as protective groups during the peptide synthesis
AUTHOR NAME: Horner, Leopold; Neumann, H.
IT **4703-20-2**
RN 4703-20-2 CAOLD
CN Benzenesulfonamide, 4-methyl-N-phenyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)



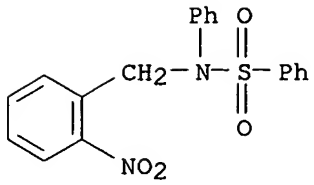
L27 ANSWER 5 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: CA64:3425g CAOLD
TITLE: 2-methyl (and benzyl)amino-5-chlorobenzophenones
AUTHOR NAME: Reeder, Earl; Sternbach, L. H.
DOCUMENT TYPE: Patent
TITLE: 2-methyl(and benzyl)amino-5-chlorobenzophenones
PATENT ASSIGNEE: Hoffmann-La Roche, F., & Co. A.-G.
DOCUMENT TYPE: Patent

PATENT NO.	KIND	DATE
GB 972975		

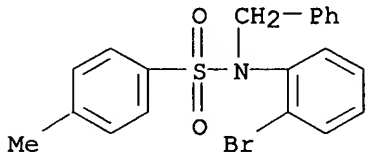
IT **5543-95-3**
RN 5543-95-3 CAOLD
CN p-Toluenesulfonanilide, 2'-benzoyl-N-benzyl-4'-chloro- (7CI, 8CI) (CA INDEX NAME)



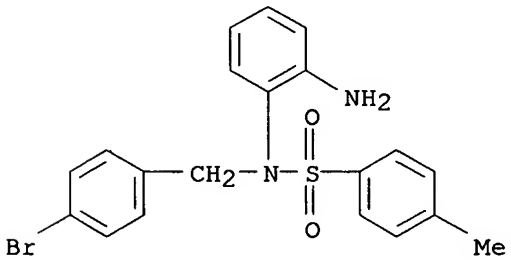
L27 ANSWER 6 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: CA62:13151b CAOLD
TITLE: properties of cobalamins and S-containing ligands
AUTHOR NAME: Dolphin, David; Johnson, A. W.
IT **1051-92-9**
RN 1051-92-9 CAOLD
CN Benzenesulfonanilide, N-(o-nitrobenzyl)- (7CI, 8CI) (CA INDEX NAME)



L27 ANSWER 7 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: CA62:13150g CAOLD
TITLE: phenanthridines - (IV) Pschorr reactions with sulfonamides derived from Nα-phenyltoluene-α,2-diamine and formation of 6-phenyl-7H-dibenzo[d,f][1,2]thiazepine 5,5-dioxide
AUTHOR NAME: Huppatz, J. L.; Sasse, W. H. F.
IT **1167-46-0**
RN 1167-46-0 CAOLD
CN p-Toluenesulfonanilide, N-benzyl-2'-bromo- (7CI, 8CI) (CA INDEX NAME)

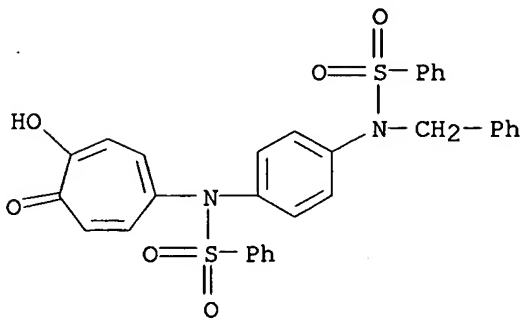


L27 ANSWER 8 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: CA62:11778h CAOLD
TITLE: phenanthridines - (III) syntheses of 9-bromophenanthridine and 7-bromophenanthridine by P schorr reactions with sulfonamides derived from N-p-bromobenzyl and N-o-bromobenzyl-o-phenylenediamines and a route to N-sulfonylcarbazoles
AUTHOR NAME: Huppatz, J. L.; Sasse, W. H. F.
IT **2169-32-6**
RN 2169-32-6 CAOLD
CN p-Toluenesulfonanilide, 2'-amino-N-(p-bromobenzyl)- (7CI, 8CI) (CA INDEX NAME)

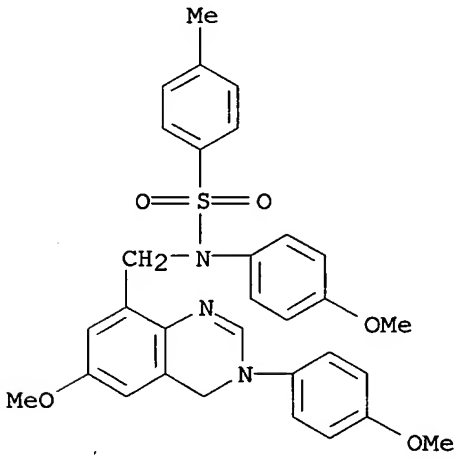


L27 ANSWER 9 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: CA62:11733b CAOLD
TITLE: reaction of tropoids and quinone derivs. - (VI) structures of the reaction products of N,N'-bis(phenylsulfonyl)-p-benzoquinone diimine with phenol and tropolone
AUTHOR NAME: Nishiyama, Yukio; Ikegami, Y.; Seto, S.

IT **811-14-3**
RN 811-14-3 CAOLD
CN Benzenesulfonamide, N-(4-hydroxy-5-oxo-1,3,6-cycloheptatrien-1-yl)-N-[4-[(phenylmethyl)(phenylsulfonyl)amino]phenyl]- (9CI) (CA INDEX NAME)



L27 ANSWER 10 OF 31 CAOLD COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: CA62:7753c CAOLD
TITLE: reactions of HCHO with aromatic amines
AUTHOR NAME: Farrar, W. V.
IT **916-76-7**
RN 916-76-7 CAOLD
CN p-Toluenesulfon-p-anisidide, N-[[3,4-dihydro-6-methoxy-3-(p-methoxyphenyl)-8-quinazolinyl]methyl]- (7CI, 8CI) (CA INDEX NAME)



=> d his

(FILE 'HOME' ENTERED AT 09:50:55 ON 18 MAR 2005)

FILE 'REGISTRY' ENTERED AT 09:51:02 ON 18 MAR 2005
L1 STRUCTURE UPLOADED
L2 11 S L1
L3 3890 S L1 FULL

FILE 'CAPLUS' ENTERED AT 09:52:07 ON 18 MAR 2005
L4 619 S L3

FILE 'REGISTRY' ENTERED AT 09:56:05 ON 18 MAR 2005

3/18/05 10/666,811 structure search of specific compds in Claim 5 — S c=0 and S c=0 (as X)

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 22:17:07 ON 18 MAR 2005

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 22:17:15 ON 18 MAR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 17 MAR 2005 HIGHEST RN 845858-62-0
DICTIONARY FILE UPDATES: 17 MAR 2005 HIGHEST RN 845858-62-0

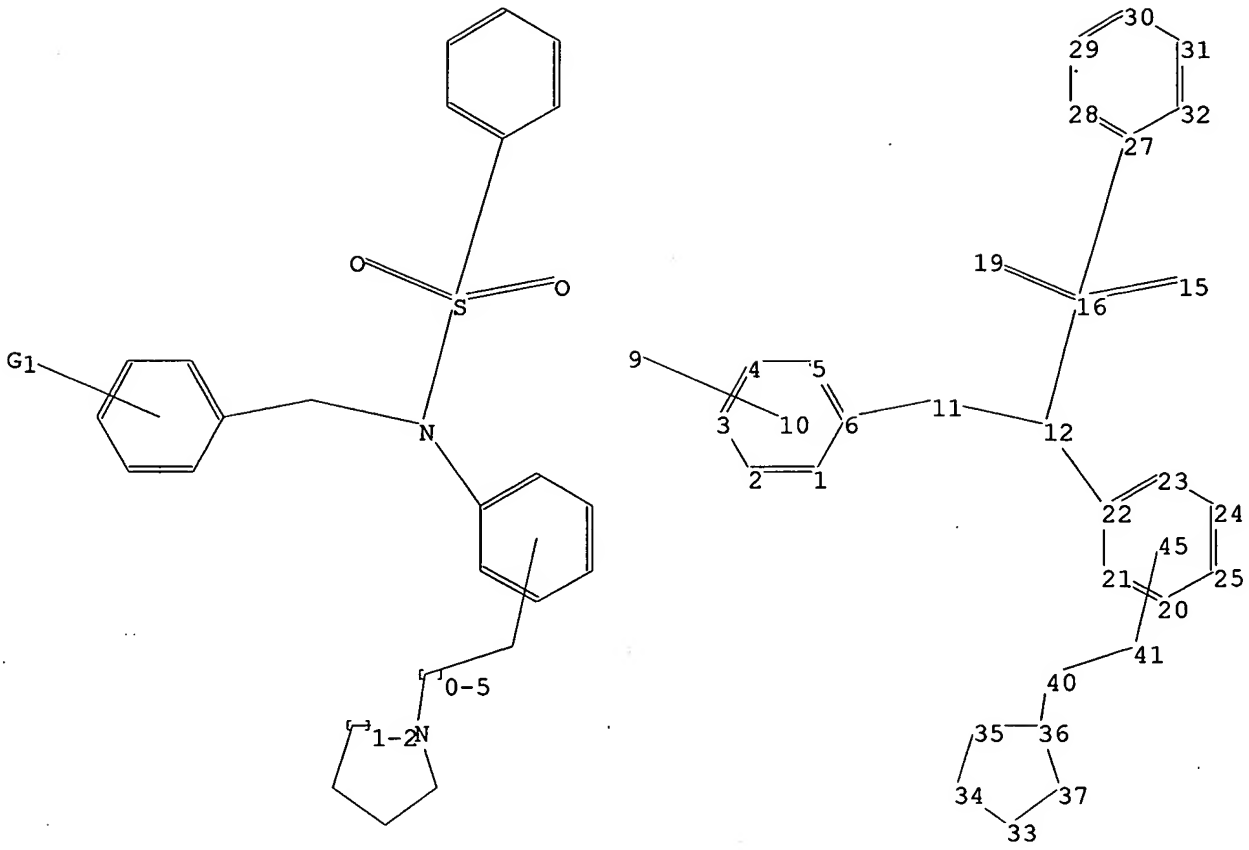
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\10666811\10666811g.str



chain nodes :
9 11 12 15 16 19 40 41
ring nodes :
1 2 3 4 5 6 20 21 22 23 24 25 27 28 29 30 31 32 33 34 35 36 37
chain bonds :
6-11 11-12 12-16 12-22 15-16 16-19 16-27 36-40 40-41
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 20-21 20-25 21-22 22-23 23-24 24-25 27-28 27-32 28-29 29-30 30-31 31-32 33-34 33-37 34-35 35-36 36-37
exact/norm bonds :
11-12 12-16 12-22 15-16 16-19 16-27 33-34 33-37 34-35 35-36 36-37 36-40
exact bonds :
6-11 40-41
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 20-21 20-25 21-22 22-23 23-24 24-25 27-28 27-32 28-29 29-30 30-31 31-32

G1:H,OH,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,CN,X,Ak

```
G2:Ak,H

G3:C,N

G4:H,Cy,Ak

G5:C,O

Hydrogen count :
11:>= minimum 2
Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  9:CLASS  10:CLASS  11:CLASS
12:CLASS  15:CLASS  16:CLASS  19:CLASS  20:Atom  21:Atom  22:Atom  23:Atom  24:Atom
 25:Atom  27:Atom  28:Atom  29:Atom  30:CLASS  31:Atom  32:Atom  33:Atom  34:Atom
35:Atom  36:Atom  37:Atom  40:CLASS  41:CLASS  45:CLASS



L1      STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


=> s L1
SAMPLE SEARCH INITIATED 22:17:43 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     55 TO ITERATE

100.0% PROCESSED      55 ITERATIONS                                3 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          656 TO     1544
PROJECTED ANSWERS:               3 TO      163

L2            3 SEA SSS SAM L1

=> s L1 full
FULL SEARCH INITIATED 22:17:48 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   1252 TO ITERATE

100.0% PROCESSED    1252 ITERATIONS                              38 ANSWERS
SEARCH TIME: 00.00.01

L3            38 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                             161.33     161.54

FILE 'CAPLUS' ENTERED AT 22:17:51 ON 18 MAR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)
```

FILE COVERS 1907 - 18 Mar 2005 VOL 142 ISS 13
FILE LAST UPDATED: 17 Mar 2005 (20050317/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

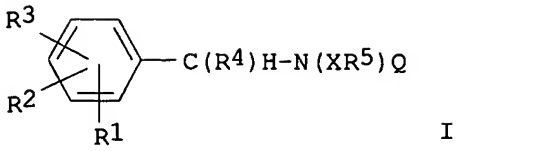
=> s L3
L4 2 L3

=> d L4 ibib abs hitstr 1-2

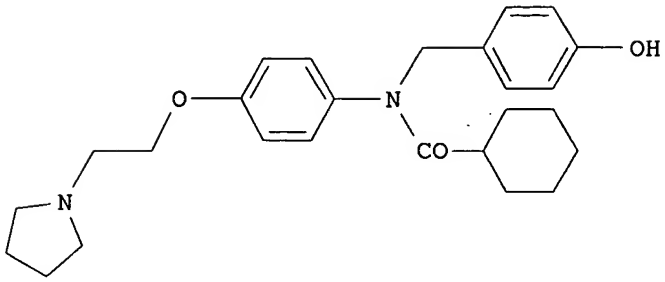
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:267292 CAPLUS
DOCUMENT NUMBER: 140:287259
TITLE: Preparation of amide and sulfonamide ligands for the estrogen receptor
INVENTOR(S): O'Keefe Cameron, Kimberly; Chesworth, Richard
PATENT ASSIGNEE(S): Pfizer Products Inc., USA
SOURCE: PCT Int. Appl., 143 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004026823	A1	20040401	WO 2003-IB3824	20030908
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004110767	A1	20040610	US 2003-666811	20030917
PRIORITY APPLN. INFO.:			US 2002-412338P P	20020920
OTHER SOURCE(S):	MARPAT 140:287259			

GI



I



II

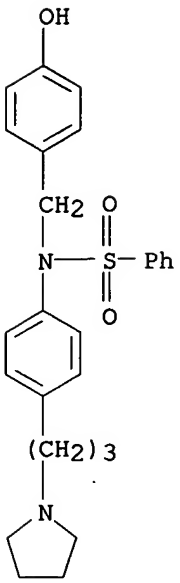
AB The present invention provides amides and sulfonamides (shown as I; variables defined below; many of the examples contain the pyrrolidine ring, e.g. II) that are estrogen receptor (ER) ligands (no data), the pharmaceutically acceptable salts, stereoisomers, and prodrugs thereof, and the pharmaceutically acceptable salts of the prodrugs. The invention further provides pharmaceutical compns. comprising I, and methods for treating or preventing diseases, disorders, conditions, or symptoms mediated by an ER (e.g. female sexual dysfunction, postmenopausal syndrome, osteoporosis, elevated serum cholesterol levels, and breast or uterine cancer) which comprise administering to a mammalian subject in need of treatment therewith, an effective amount of I, or a pharmaceutically acceptable salt, stereoisomer, or prodrug thereof, or a pharmaceutically acceptable salt of the prodrug, or a pharmaceutical composition comprising I, or a pharmaceutically acceptable salt, stereoisomer, or prodrug thereof, or a pharmaceutically acceptable salt of the prodrug. The invention further provides pharmaceutical compns. comprising combinations of I and ≥1 of NaF, estrogen, a bone anabolic agent, a growth hormone or growth hormone secretagogue, a prostaglandin agonist/antagonist, and a parathyroid hormone, and methods of treating or preventing diseases, disorders, conditions, or symptoms mediated by an ER comprising the administration of an effective amount of such combination to a mammalian subject in need of treatment therewith. Although the methods of preparation are not claimed, 212 example prepns. are included. For example, II was prepared in 41% yield by base hydrolysis of its p-toluenesulfonic acid ester, which in turn was prepared N-acylation of toluene-4-sulfonic acid 4-[[[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]amino]methyl]phenyl ester by cyclohexanecarbonyl chloride. Toluene-4-sulfonic acid 4-[[[4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]amino]methyl]phenyl ester was prepared in 2 steps (71 and 80%, resp., yields) starting with tosylate formation from 4-hydroxybenzaldehyde followed by imine formation with [4-[2-(pyrrolidin-1-yl)ethoxy]phenyl]amine and reduction by NaBH4. For I: Q = R9- and Z-substituted Ph or six-membered heteroaryl ring containing 1-2 N atoms; R1, R2, R3, and R9 are H, hydroxy, halogen, cyano, -(C1-C6) alkyl (un)substituted with 1-3 F atoms and -O(C1-C6)alkyl (un)substituted with 1-3 F atoms. R4 is H or -(C1-C6)alkyl; R5 is -(C1-C7)alkyl (un)substituted with 1-6 halogen atoms, -(C2-C6) alkenyl, -(C2-C6)alkenyl-M, or -(CH2)n-M, wherein n = 0-5 and M is (i) a fully saturated 3-8 membered ring, or a partially saturated, or fully saturated 5-8 membered ring optionally having = 1-4 heteroatoms independently O, N, and S, or (ii) a bicyclic ring comprising two fused partially saturated, fully saturated, or fully unsatd. 5- or 6-membered rings optionally having 1-4 heteroatoms

independently O, N and S. X is CO or SO2; Z is -O(CH2)n-NRaRb, -(CH2)n-NRaRb, -CH:CH-C(O)-NRaRb, -(CH2)n-COOH, -CH:CH-COOH, -O(C1-C6)alkyl, -CH:CH-CO2(C1-C6)alkyl, or -(CH2)n-OH; addnl. details are given in the claims.

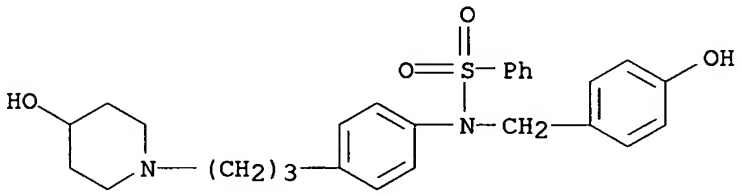
IT **675867-85-3P**, N-(4-Hydroxybenzyl)-N-[4-[3-(pyrrolidin-1-yl)propyl]phenyl]benzenesulfonamide **675867-86-4P**, N-(4-Hydroxybenzyl)-N-[4-[3-(4-hydroxypiperidin-1-yl)propyl]phenyl]benzenesulfonamide **675867-88-6P**, N-[4-[3-(3,4-Dihydro-1H-isoquinolin-2-yl)propyl]phenyl]-N-(4-hydroxybenzyl)benzenesulfonamide **675867-89-7P**, N-(4-Hydroxybenzyl)-N-[4-[3-(3-hydroxypiperidin-1-yl)propyl]phenyl]benzenesulfonamide **675867-90-0P**, N-(4-Hydroxybenzyl)-N-[4-[3-(2-hydroxymethylpyrrolidin-1-yl)propyl]phenyl]benzenesulfonamide **675867-94-4P**, N-(4-Hydroxybenzyl)-N-[4-[3-(3-methylpiperidin-1-yl)propyl]phenyl]benzenesulfonamide **675867-95-5P**, N-[4-[3-(3,5-Dimethylpiperidin-1-yl)propyl]phenyl]-N-(4-hydroxybenzyl)benzenesulfonamide **675868-00-5P**, N-[4-[3-(4-Benzylpiperidin-1-yl)propyl]phenyl]-N-(4-hydroxybenzyl)benzenesulfonamide **675868-01-6P**, N-(2-Chloro-4-hydroxybenzyl)-2,4,6-trimethyl-N-[4-[3-(piperidin-1-yl)propyl]phenyl]benzenesulfonamide **675868-03-8P**, N-(2-Chloro-4-hydroxybenzyl)-2,4,6-trimethyl-N-[4-[3-(2-methylpiperidin-1-yl)propyl]phenyl]benzenesulfonamide **675868-05-0P**, N-(2-Chloro-4-hydroxybenzyl)-2,4,6-trimethyl-N-[4-[3-(2-propylpiperidin-1-yl)propyl]phenyl]benzenesulfonamide **675868-07-2P**, N-(2-Chloro-4-hydroxybenzyl)-2,4,6-trimethyl-N-[4-[3-(4-methylpiperidin-1-yl)propyl]phenyl]benzenesulfonamide **675868-08-3P**, (S)-N-(2-Chloro-4-hydroxybenzyl)-N-[4-[3-(2-methoxymethylpyrrolidin-1-yl)propyl]phenyl]-2,4,6-trimethylbenzenesulfonamide **675868-09-4P**, (S)-1-[3-[4-[(2-Chloro-4-hydroxybenzyl)(2,4,6-trimethylbenzenesulfonyl)amino]phenyl]propyl]pyrrolidine-2-carboxylic acid **675868-10-7P**, N-(3-Hydroxybenzyl)-2,4,6-trimethyl-N-[4-[3-(pyrrolidin-1-yl)propyl]phenyl]benzenesulfonamide **675868-12-9P**, (S)-N-(3-Hydroxybenzyl)-N-[4-[3-(2-hydroxymethylpyrrolidin-1-yl)propyl]phenyl]-2,4,6-trimethylbenzenesulfonamide **675868-17-4P**, N-(3-Hydroxybenzyl)-2,4,6-trimethyl-N-[4-[3-(4-methylpiperidin-1-yl)propyl]phenyl]benzenesulfonamide **675868-18-5P**, N-(3-Hydroxybenzyl)-2,4,6-trimethyl-N-[4-[3-(2-propylpiperidin-1-yl)propyl]phenyl]benzenesulfonamide **675868-19-6P**, N-(3-Hydroxybenzyl)-2,4,6-trimethyl-N-[4-[3-(2-methylpiperidin-1-yl)propyl]phenyl]benzenesulfonamide **675868-20-9P**, N-(3-Hydroxybenzyl)-2,4,6-trimethyl-N-[4-[3-(2-methylpyrrolidin-1-yl)propyl]phenyl]benzenesulfonamide **675868-22-1P**, N-(3-Hydroxybenzyl)-2,4,6-trimethyl-N-[4-[3-(piperidin-1-yl)propyl]phenyl]benzenesulfonamide **675868-24-3P**, N-[4-[3-(2,6-Dimethylpiperidin-1-yl)propyl]phenyl]-N-(3-hydroxybenzyl)-2,4,6-trimethylbenzenesulfonamide **675868-62-9P**, N-(3-Hydroxybenzyl)-N-[4-[3-(2-hydroxymethylpyrrolidin-1-yl)propyl]phenyl]-2,4,6-trimethylbenzenesulfonamide **675868-63-0P**, N-(2-Chloro-4-hydroxybenzyl)-N-[4-[3-(2-methoxymethylpyrrolidin-1-yl)propyl]phenyl]-2,4,6-trimethylbenzenesulfonamide
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of amide and sulfonamide ligands for estrogen receptor)

RN 675867-85-3 CAPLUS

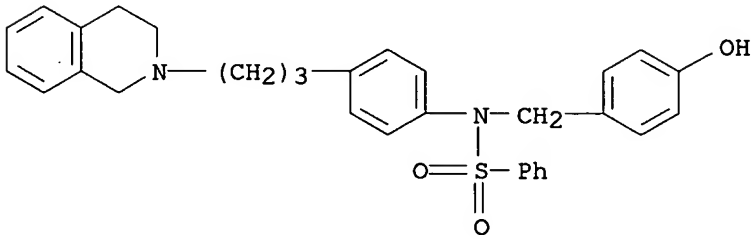
CN Benzenesulfonamide, N-[(4-hydroxyphenyl)methyl]-N-[4-[3-(1-pyrrolidinyl)propyl]phenyl]- (9CI) (CA INDEX NAME)



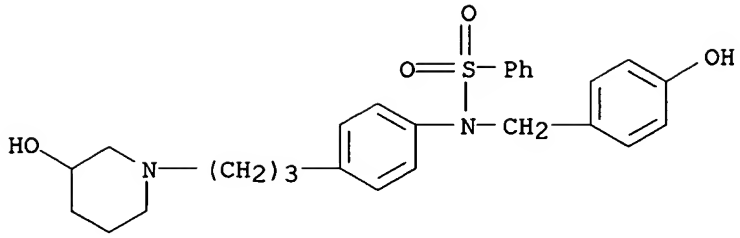
RN 675867-86-4 CAPLUS
CN Benzenesulfonamide, N-[(4-hydroxyphenyl)methyl]-N-[4-[3-(4-hydroxy-1-piperidinyl)propyl]phenyl]- (9CI) (CA INDEX NAME)



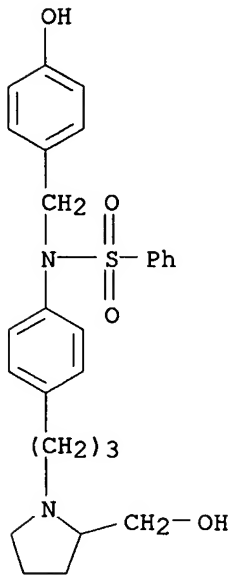
RN 675867-88-6 CAPLUS
CN Benzenesulfonamide, N-[4-[3-(3,4-dihydro-2(1H)-isoquinolinyl)propyl]phenyl]-N-[(4-hydroxyphenyl)methyl]- (9CI) (CA INDEX NAME)



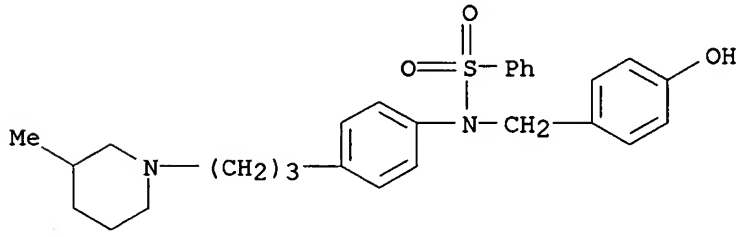
RN 675867-89-7 CAPLUS
CN Benzenesulfonamide, N-[(4-hydroxyphenyl)methyl]-N-[4-[3-(3-hydroxy-1-piperidinyl)propyl]phenyl]- (9CI) (CA INDEX NAME)



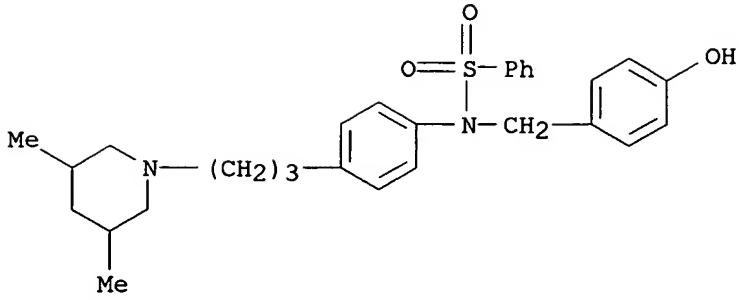
RN 675867-90-0 CAPLUS
CN Benzenesulfonamide, N-[4-[3-[2-(hydroxymethyl)-1-pyrrolidinyl]propyl]phenyl]-N-[(4-hydroxyphenyl)methyl]- (9CI) (CA INDEX NAME)



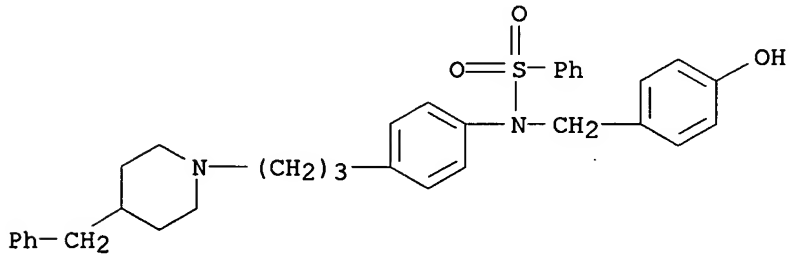
RN 675867-94-4 CAPLUS
CN Benzenesulfonamide, N-[(4-hydroxyphenyl)methyl]-N-[4-[3-(3-methyl-1-piperidinyl)propyl]phenyl]- (9CI) (CA INDEX NAME)



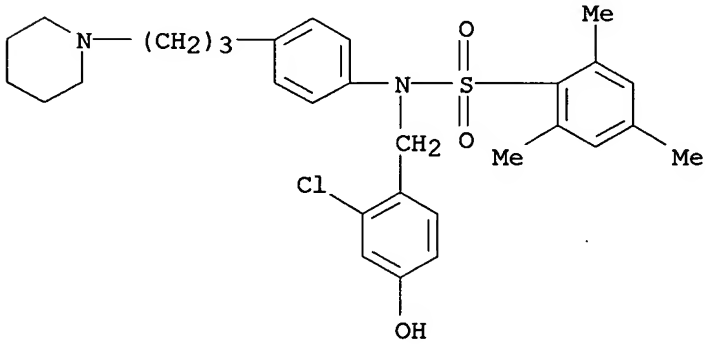
RN 675867-95-5 CAPLUS
CN Benzenesulfonamide, N-[4-[3-(3,5-dimethyl-1-piperidinyl)propyl]phenyl]-N-[(4-hydroxyphenyl)methyl]- (9CI) (CA INDEX NAME)



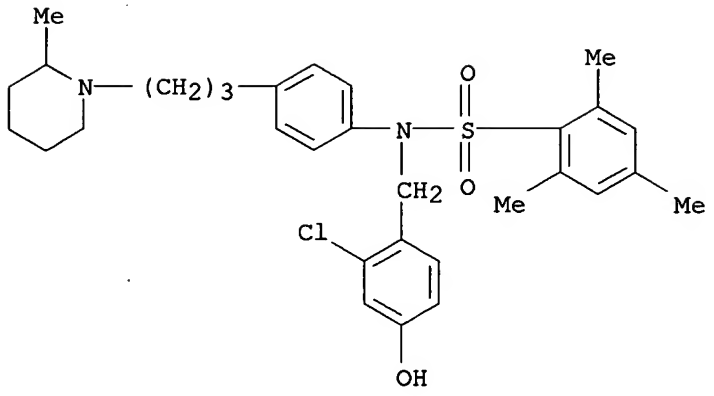
RN 675868-00-5 CAPLUS
CN Benzenesulfonamide, N-[(4-hydroxyphenyl)methyl]-N-[4-[3-[4-(phenylmethyl)-1-piperidinyl]propyl]phenyl]- (9CI) (CA INDEX NAME)



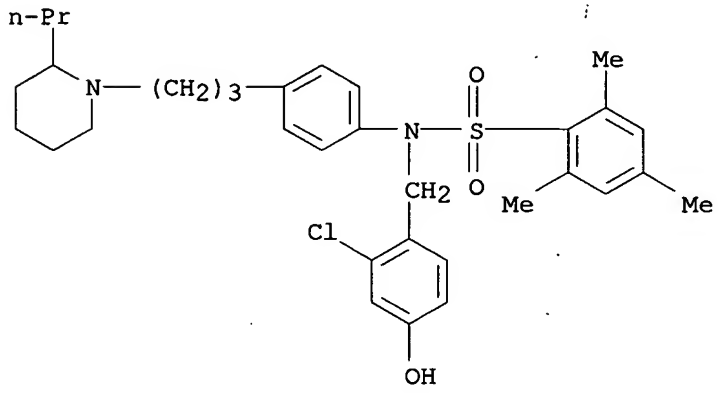
RN 675868-01-6 CAPLUS
CN Benzenesulfonamide, N-[(2-chloro-4-hydroxyphenyl)methyl]-2,4,6-trimethyl-N-[4-[3-(1-piperidinyl)propyl]phenyl]- (9CI) (CA INDEX NAME)



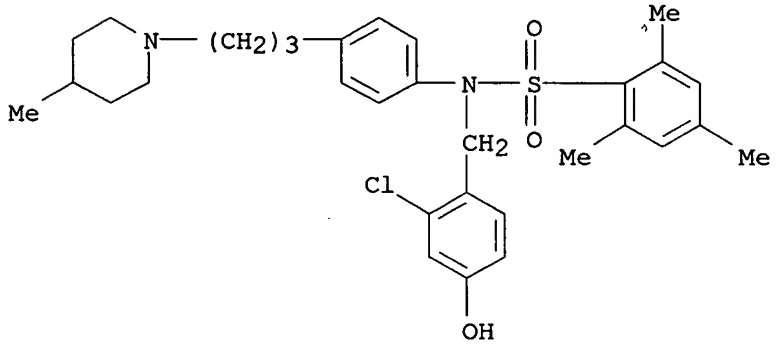
RN 675868-03-8 CAPLUS
CN Benzenesulfonamide, N-[(2-chloro-4-hydroxyphenyl)methyl]-2,4,6-trimethyl-N-[4-[3-(2-methyl-1-piperidinyl)propyl]phenyl]- (9CI) (CA INDEX NAME)



RN 675868-05-0 CAPLUS
CN Benzenesulfonamide, N-[(2-chloro-4-hydroxyphenyl)methyl]-2,4,6-trimethyl-N-[4-[3-(2-propyl-1-piperidinyl)propyl]phenyl]- (9CI) (CA INDEX NAME)

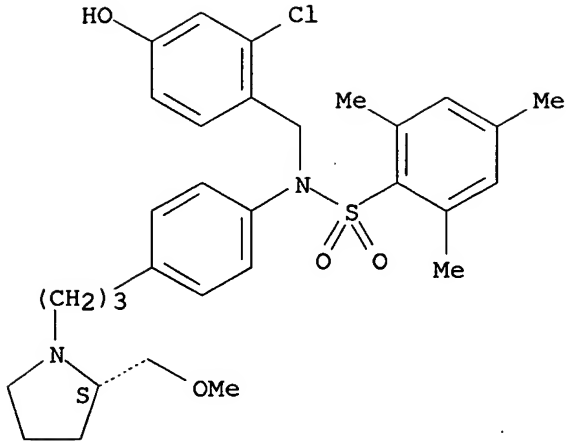


RN 675868-07-2 CAPLUS
CN Benzenesulfonamide, N-[(2-chloro-4-hydroxyphenyl)methyl]-2,4,6-trimethyl-N-[4-[3-(4-methyl-1-piperidinyl)propyl]phenyl]- (9CI) (CA INDEX NAME)



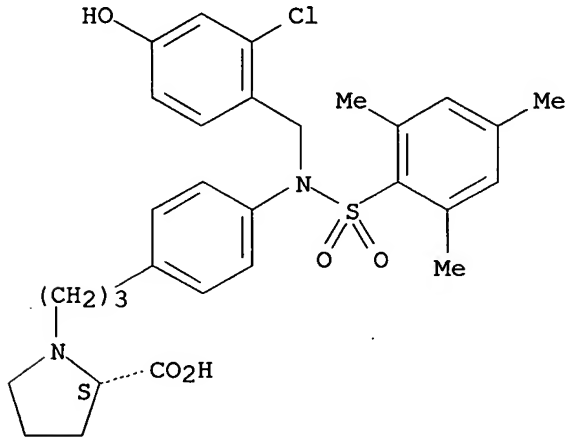
RN 675868-08-3 CAPLUS
CN Benzenesulfonamide, N-[(2-chloro-4-hydroxyphenyl)methyl]-N-[4-[3-[(2S)-2-(methoxymethyl)-1-pyrrolidinyl]propyl]phenyl]-2,4,6-trimethyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

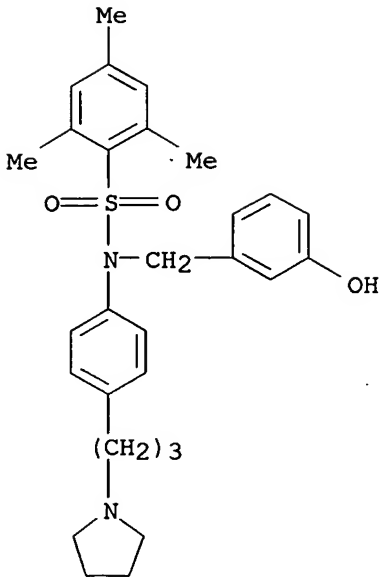


RN 675868-09-4 CAPLUS
CN L-Proline, 1-[3-[4-[[(2-chloro-4-hydroxyphenyl)methyl][(2,4,6-trimethylphenyl)sulfonyl]amino]phenyl]propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

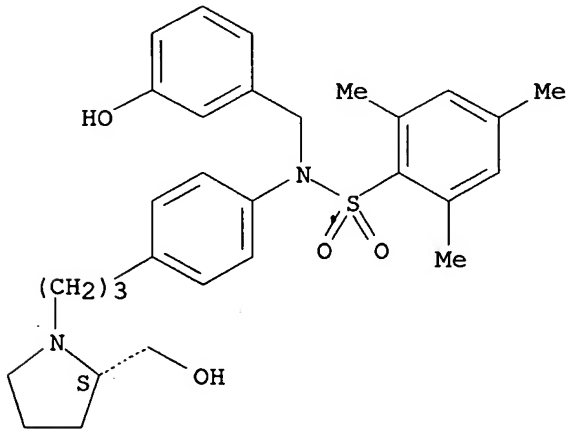


RN 675868-10-7 CAPLUS
CN Benzenesulfonamide, N-[(3-hydroxyphenyl)methyl]-2,4,6-trimethyl-N-[4-[3-(1-pyrrolidinyl)propyl]phenyl]- (9CI) (CA INDEX NAME)

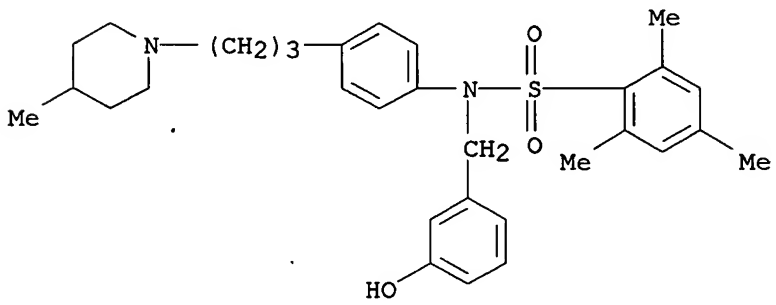


RN 675868-12-9 CAPLUS
CN Benzenesulfonamide, N-[4-[3-[(2S)-2-(hydroxymethyl)-1-pyrrolidinyl]propyl]phenyl]-N-[(3-hydroxyphenyl)methyl]-2,4,6-trimethyl- (9CI) (CA INDEX NAME)

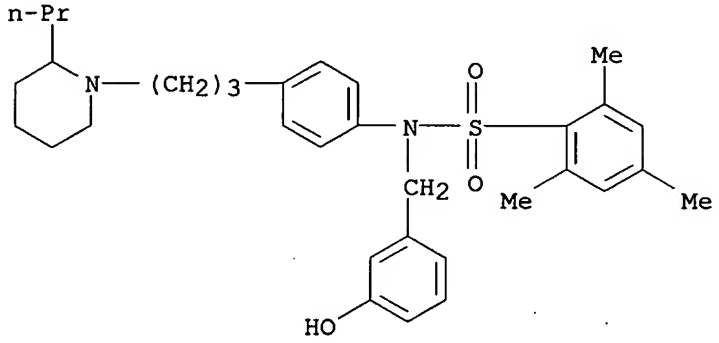
Absolute stereochemistry.



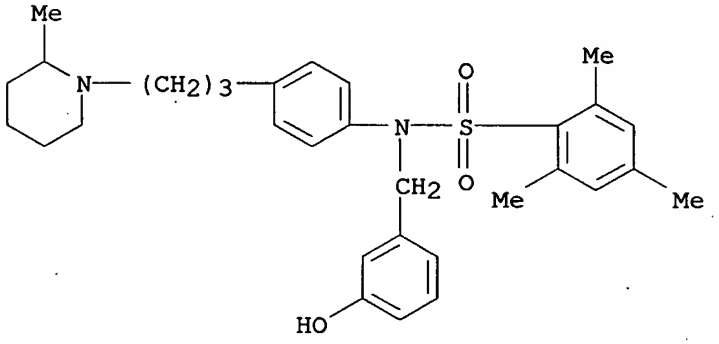
RN 675868-17-4 CAPLUS
CN Benzenesulfonamide, N-[(3-hydroxyphenyl)methyl]-2,4,6-trimethyl-N-[4-[3-(4-methyl-1-piperidinyl)propyl]phenyl]- (9CI) (CA INDEX NAME)



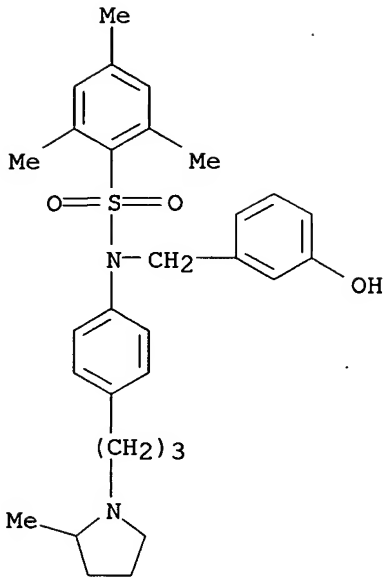
RN 675868-18-5 CAPLUS
CN Benzenesulfonamide, N-[(3-hydroxyphenyl)methyl]-2,4,6-trimethyl-N-[4-[3-(2-propyl-1-piperidinyl)propyl]phenyl]- (9CI) (CA INDEX NAME)



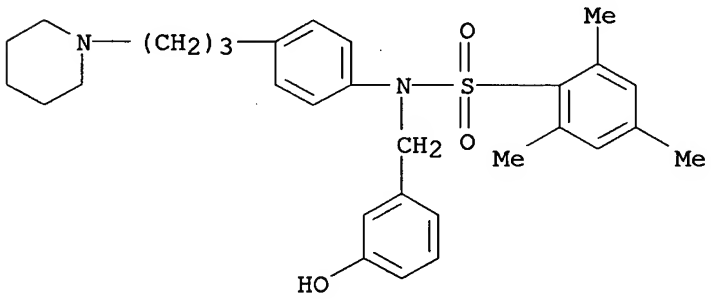
RN 675868-19-6 CAPLUS
CN Benzenesulfonamide, N-[(3-hydroxyphenyl)methyl]-2,4,6-trimethyl-N-[4-[3-(2-methyl-1-piperidinyl)propyl]phenyl]- (9CI) (CA INDEX NAME)



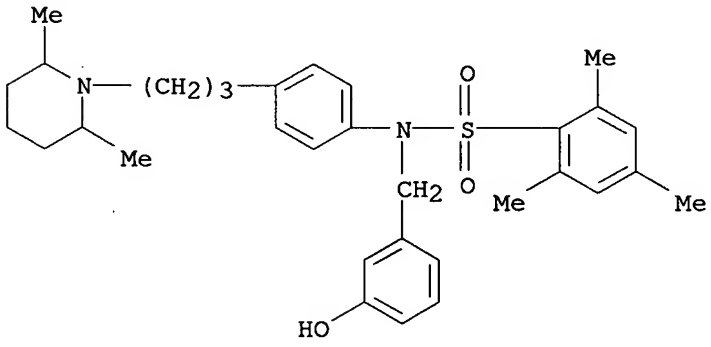
RN 675868-20-9 CAPLUS
CN Benzenesulfonamide, N-[(3-hydroxyphenyl)methyl]-2,4,6-trimethyl-N-[4-[3-(2-methyl-1-pyrrolidinyl)propyl]phenyl]- (9CI) (CA INDEX NAME)



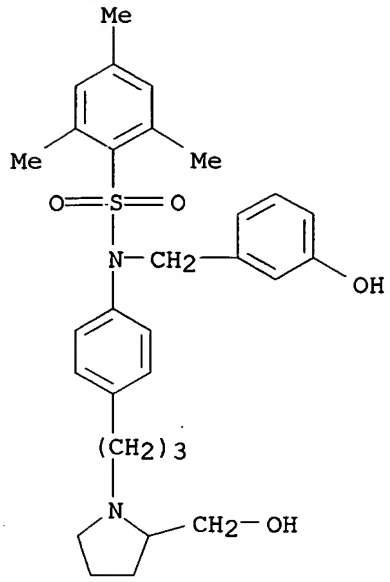
RN 675868-22-1 CAPLUS
CN Benzenesulfonamide, N-[(3-hydroxyphenyl)methyl]-2,4,6-trimethyl-N-[4-[3-(1-piperidinyl)propyl]phenyl]- (9CI) (CA INDEX NAME)



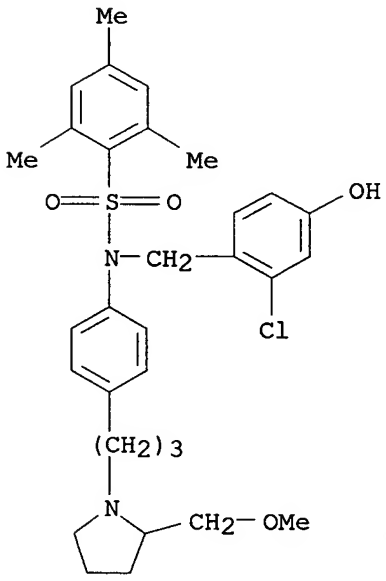
RN 675868-24-3 CAPLUS
CN Benzenesulfonamide, N-[4-[3-(2,6-dimethyl-1-piperidinyl)propyl]phenyl]-N-[(3-hydroxyphenyl)methyl]-2,4,6-trimethyl- (9CI) (CA INDEX NAME)



RN 675868-62-9 CAPLUS
CN Benzenesulfonamide, N-[4-[3-[2-(hydroxymethyl)-1-pyrrolidinyl]propyl]phenyl]-N-[(3-hydroxyphenyl)methyl]-2,4,6-trimethyl- (9CI) (CA INDEX NAME)



RN 675868-63-0 CAPLUS
CN Benzenesulfonamide, N-[(2-chloro-4-hydroxyphenyl)methyl]-N-[4-[3-[2-(methoxymethyl)-1-pyrrolidinyl]propyl]phenyl]-2,4,6-trimethyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

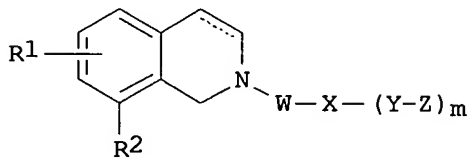
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:356439 CAPLUS
DOCUMENT NUMBER: 138:368779
TITLE: Preparation of isoquinolines as 5-HT antagonists for treatment of psychiatric disorders
INVENTOR(S): Angst, Christof; Haeberlein, Markus; Hill, Daniel; Jacobs, Robert; Moore, Gary; Pierson, Edward; Shenvi, Ashokkumar Bhikkappa

PATENT ASSIGNEE(S): Astrazeneca AB, Swed.
SOURCE: PCT Int. Appl., 139 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

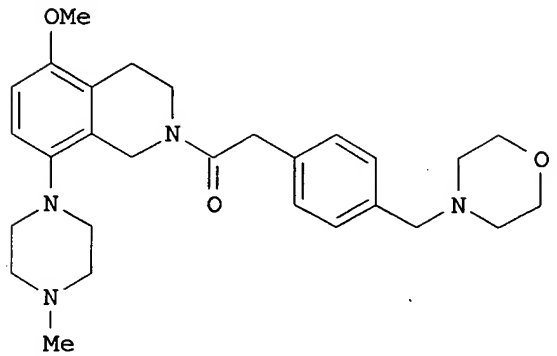
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003037887	A1	20030508	WO 2002-SE1988	20021101
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1451172	A1	20040901	EP 2002-780244	20021101
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002013778	A	20041109	BR 2002-13778	20021101

PRIORITY APPLN. INFO.: SE 2001-3644 A 20011101
WO 2002-SE1988 W 20021101

OTHER SOURCE(S): MARPAT 138:368779
GI



I



II

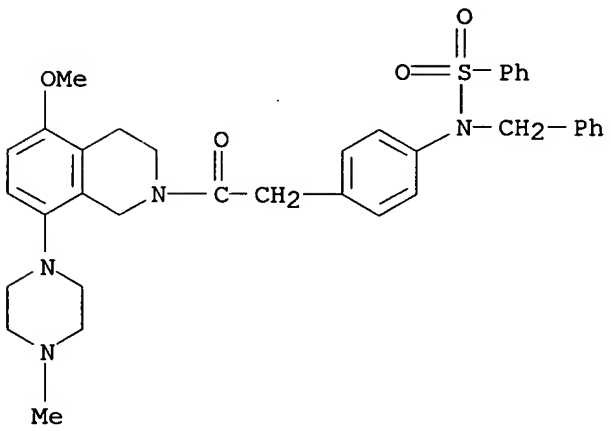
AB Title compds. I [wherein W = CO, CONRa, NRaCO, CO(CH2)nNRaCO, CSNRa, COCH2O, SO2NRa, NRaSO2, CH2NRa, COCH2, CH2CO, or 5-membered heterocyclyl; X = (un)substituted aryl or heterocyclyl; Y = bond, CH2, O, S, SO, CO, SO2, NRb, or NRbSO2; Z = Rb, CO2Ra, CON(Ra)2, NHRb, alkyl-N(Ra)2, SO2Rc, or (un)substituted aryl(alkyl) or heterocyclyl; R1 = halo, alkyl, ORa, SOpRa, N(Ra)2, or CN; R2 = aryl or heterocyclyl(carbonyl); Ra = H or (un)substituted alkyl; Rb = H, alkyl(sulfanyl), alkanoyl, aryl(alkyl), or

arylalkoxyalkyl; Rc = alkyl, aryl, or heterocyclyl; m = 0 or 1; n = 0-4; p = 0-2;] were prepared as 5-HT1B and 5-HT1D antagonists (no data). For example, O-methylation of 5-hydroxyisoquinoline using NaOBu-t and PhMe3NCl in DMF (85%), followed by bromination with bromine in AcOH gave 5-methoxy-8-bromoisoquinoline (47%). Substitution with N-methylpiperazine using NaOBu-t, BINAP, and tris(dibenzylideneacetone)dipalladium in PhMe and subsequent reduction with NaCNBH3 and BF3•Et2O in MeOH gave 5-methoxy-8-(4-methylpiperazin-1-yl)-1,2,3,4-tetrahydroisoquinoline. Coupling of 4-(bromomethyl)phenylacetic acid with morpholine in the presence of K2CO3 in MeCN provided 4-(morpholinomethyl)phenylacetic acid. Amidation of the tetrahydroisoquinoline with the phenylacetic acid in DMF afforded II. I are useful for the treatment of psychiatric disorders including but not limited to depression, generalized anxiety, eating disorders, dementia, panic disorder, and sleep disorders (no data). The compds. may also be useful in the treatment of gastrointestinal disorders, motor disorders, endocrine disorders, vasospasm, and sexual dysfunction (no data).

IT **521315-71-9P**, N-Benzyl-N-[4-[2-[5-methoxy-8-(4-methylpiperazin-1-yl)-3,4-dihydro-1H-isoquinolin-2-yl]-2-oxoethyl]phenyl]benzenesulfonamide
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(5-HT antagonist; preparation of isoquinolines as 5-HT1B and 5-HT1D antagonists for treatment of psychiatric disorders)

RN 521315-71-9 CAPLUS

CN Isoquinoline, 1,2,3,4-tetrahydro-5-methoxy-8-(4-methyl-1-piperazinyl)-2-[[4-[(phenylmethyl)(phenylsulfonyl)amino]phenyl]acetyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	11.68	173.22

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.46	-1.46

FILE 'REGISTRY' ENTERED AT 22:20:20 ON 18 MAR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 17 MAR 2005 HIGHEST RN 845858-62-0
DICTIONARY FILE UPDATES: 17 MAR 2005 HIGHEST RN 845858-62-0

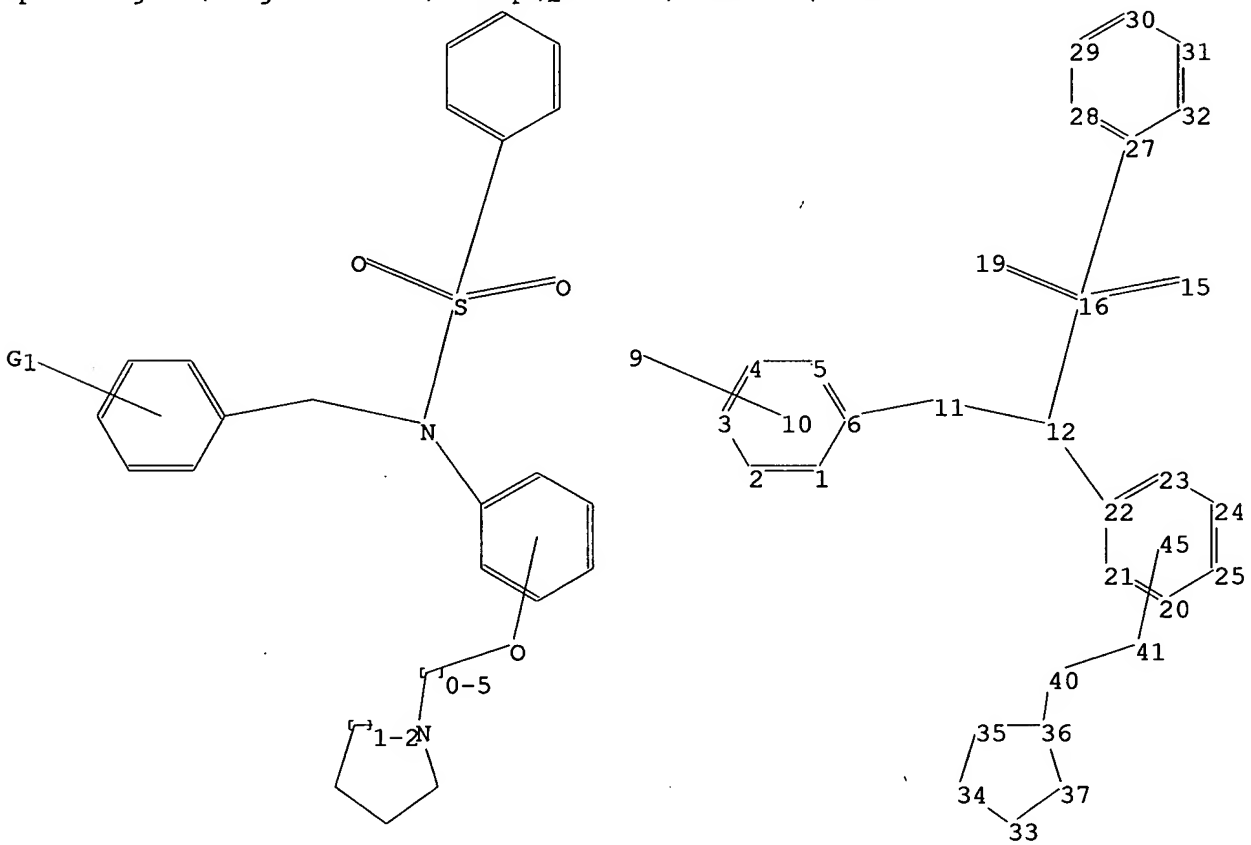
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\10666811\10666811h.str



```
chain nodes :
9  11  12  15  16  19  40  41
ring nodes :
1  2  3  4  5  6  20  21  22  23  24  25  27  28  29  30  31  32  33  34  35  36
37
chain bonds :
6-11  11-12  12-16  12-22  15-16  16-19  16-27  36-40  40-41
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  20-21  20-25  21-22  22-23  23-24  24-25  27-28
27-32  28-29  29-30  30-31  31-32  33-34  33-37  34-35  35-36  36-37
exact/norm bonds :
11-12  12-16  12-22  15-16  16-19  16-27  33-34  33-37  34-35  35-36  36-37  36-40
40-41
exact bonds :
6-11
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6  20-21  20-25  21-22  22-23  23-24  24-25  27-28
27-32  28-29  29-30  30-31  31-32


G1:H,OH,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,CN,X,Ak

G2:Ak,H

G3:C,N

G4:H,Cy,Ak

G5:C,O

Hydrogen count :
11:>= minimum 2
Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  9:CLASS  10:CLASS  11:CLASS
12:CLASS  15:CLASS  16:CLASS  19:CLASS  20:Atom  21:Atom  22:Atom  23:Atom  24:Atom
 25:Atom  27:Atom  28:Atom  29:Atom  30:CLASS  31:Atom  32:Atom  33:Atom  34:Atom
35:Atom  36:Atom  37:Atom  40:CLASS  41:CLASS  45:CLASS



L5      STRUCTURE UPLOADED

=> s L5
SAMPLE SEARCH INITIATED 22:20:46 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     33 TO ITERATE

100.0% PROCESSED      33 ITERATIONS                          10 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          316 TO     1004
PROJECTED ANSWERS:              11 TO      389

L6          10 SEA SSS SAM L5

=> s L5 full
FULL SEARCH INITIATED 22:20:53 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    640 TO ITERATE

100.0% PROCESSED     640 ITERATIONS                         176 ANSWERS
```

SEARCH TIME: 00.00.01

L7 176 SEA SSS FUL L5

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	161.33	334.55

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.46

FILE 'CAPLUS' ENTERED AT 22:20:56 ON 18 MAR 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 18 Mar 2005 VOL 142 ISS 13
FILE LAST UPDATED: 17 Mar 2005 (20050317/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L7
L8 1 L7

=> d L8 ibib

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:267292 CAPLUS
DOCUMENT NUMBER: 140:287259
TITLE: Preparation of amide and sulfonamide ligands for the estrogen receptor
INVENTOR(S): O'Keefe Cameron, Kimberly; Chesworth, Richard
PATENT ASSIGNEE(S): Pfizer Products Inc., USA
SOURCE: PCT Int. Appl., 143 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004026823	A1	20040401	WO 2003-IB3824	20030908

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT,